

# 代謝および 酵素活性アッセイキット

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business of Merck  
operates as  
MilliporeSigma in  
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**Sigma-Aldrich®**  
Lab & Production Materials

# The right assay kit for your specific needs

ライフサイエンス研究、創薬・医薬品開発、環境モニタリング・検査など、幅広い用途に対応したアッセイキットを取り揃えています。

- 使いやすく、正確で信頼性の高いアッセイキット
- 分光光度法や蛍光光度法による検出
- ハイスループット分析に最適
- アプリケーションのニーズに最適に  
応えるため、事前に品質をテスト済み

 **皮膚**  
Page 11

 **血液**  
Page 10

 **リウマチ**  
Page 11

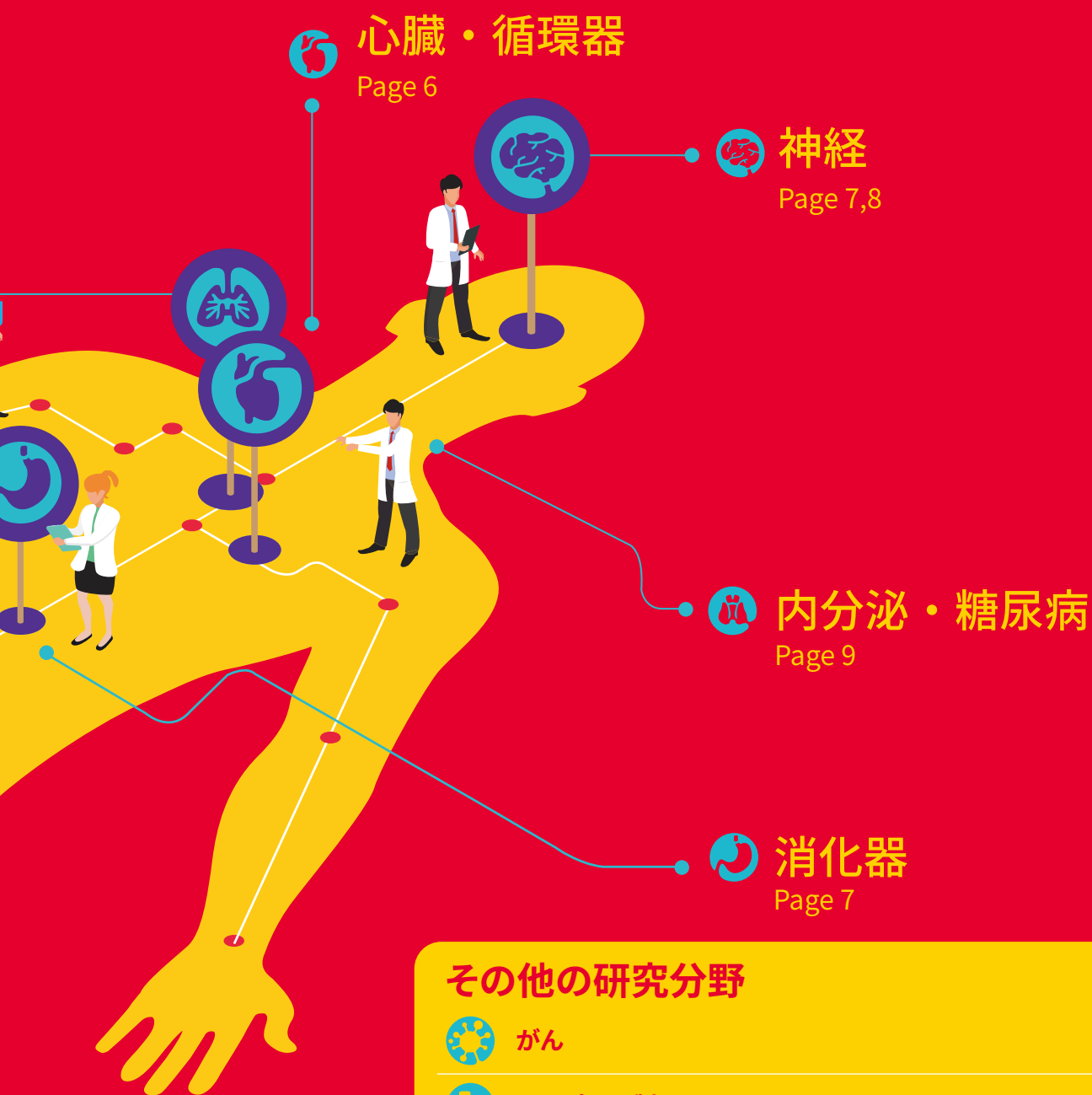
**呼吸器**  
Page 12

**肥満**  
Page 6

**泌尿生殖器**  
Page 10

**整形外科**  
Page 11





## その他の研究分野

|                                                                                                 | Page |
|-------------------------------------------------------------------------------------------------|------|
|  がん          | 4,5  |
|  サンプル調製      | 4    |
|  老年医学        | 11   |
|  小児・新生児      | 11   |
|  栄養          | 12   |
|  環境検査        | 12   |
|  食品・飲料・化粧品検査 | 13   |
|  創薬 / 製薬     | 14   |



## サンプル調製

| Kit #  | Product                                              |
|--------|------------------------------------------------------|
| MAK227 | Chloramphenicol Extraction Kit                       |
| MAK175 | Cholesterol Extraction Kit                           |
| MAK174 | Fatty Acid Extraction Kit                            |
| MAK338 | Fatty Acid Extraction Kit, High Standard (450 ug/ml) |



## がん

| Kit #  | Product                                        |
|--------|------------------------------------------------|
| MAK474 | Acetate Assay Kit                              |
| MAK566 | Acetyl-Coenzyme A Assay Kit                    |
| MAK446 | Acid Phosphatase Assay Kit                     |
| MAK525 | Acid Phosphatase Fluorometric Assay Kit        |
| MAK337 | Aconitase Assay Kit                            |
| MAK433 | Adenosine Quantification Assay Kit             |
| MAK313 | Adipolysis Assay Kit                           |
| MAK133 | ADP Assay Kit                                  |
| MAK518 | ADP Assay Kit                                  |
| MAK135 | ADP/ATP Ratio Assay Kit                        |
| MAK436 | AF Cholesterol Assay Kit                       |
| MAK500 | Alanine Assay Kit                              |
| MAK327 | Aldehyde Dehydrogenase Inhibitor Screening Kit |
| MAK447 | Alkaline Phosphatase Assay Kit                 |
| MAK334 | Antioxidant Assay Kit                          |
| MAK112 | Arginase Activity Assay Kit                    |
| MAK473 | ATP Assay Kit                                  |
| MAK113 | ATPase/GTPase Assay Kit                        |
| MAK138 | Autophagy Assay Kit                            |
| MAK540 | Beta-Hydroxybutyrate (Ketone Body) Assay Kit   |
| MAK309 | Bile Acid Assay Kit                            |
| MAK477 | Calcium Assay Kit                              |
| MAK486 | Carbonyl Assay Kit                             |
| MAK457 | Caspase-3 Assay Kit                            |
| MAK325 | Cholesterol Uptake Assay Kit                   |
| MAK333 | Citrate Assay Kit                              |
| CS0720 | Citrate Synthase Assay Kit                     |
| MAK504 | Coenzyme A Assay Kit                           |
| MAK322 | Collagen Assay Kit                             |
| MAK162 | Colorimetric Maleimide Assay Kit               |
| MAK152 | Colorimetric Sphingomyelinase Assay Kit        |
| MAK536 | Cytotoxicity Assay Kit                         |

| Kit #  | Product                                                                       |
|--------|-------------------------------------------------------------------------------|
| MAK225 | Fatty Acid Methyl Ester Purification Kit Manufactured by Nacalai Tesque, Inc. |
| MAK224 | Fatty Acid Methylation Kit Manufactured by Nacalai Tesque, Inc.               |

| Kit #  | Product                                                   |
|--------|-----------------------------------------------------------|
| MAK320 | D-2-Hydroxyglutarate (D2HG) Assay Kit                     |
| MAK526 | Diamine Oxidase Assay Kit                                 |
| MAK174 | Fatty Acid Extraction Kit                                 |
| MAK338 | Fatty Acid Extraction Kit (High Standard)                 |
| MAK156 | Fatty Acid Uptake Kit                                     |
| MAK509 | Ferric Reducing Antioxidant Power (FRAP) Assay Kit        |
| MAK552 | Fluo-4 No Wash Calcium Assay Kit                          |
| MAK553 | Fluorimetric cADP-Ribose Assay Kit                        |
| MAK150 | Fluorometric Intracellular pH Assay Kit                   |
| MAK142 | Fluorometric Intracellular Ros Kit (Deep Red)             |
| MAK143 | Fluorometric Intracellular Ros Kit (Green)                |
| MAK144 | Fluorometric Intracellular Ros Kit (Orange)               |
| MAK145 | Fluorometric Intracellular Ros Kit (Red)                  |
| MAK154 | Fluorometric Sphingomyelin Assay Kit                      |
| MAK151 | Fluorometric Thiol Assay Kit                              |
| MAK131 | Formaldehyde Assay                                        |
| MAK466 | Free Fatty Acid Assay Kit                                 |
| MAK492 | Fumarate Assay Kit                                        |
| MAK489 | Glucose Uptake Assay Kit                                  |
| MAK542 | Glucose Uptake Assay Kit                                  |
| MAK548 | Glucose-6-Phosphate (G6P) Assay Kit                       |
| MAK451 | Glucose-6-Phosphate Dehydrogenase Assay Kit               |
| MAK452 | Glucose-6-Phosphate Dehydrogenase Inhibitor Screening Kit |
| MAK330 | Glutamate Assay Kit                                       |
| MAK499 | Glutamate Dehydrogenase (GDH) Assay Kit                   |
| MAK517 | Glutathione (GSH) Assay Kit                               |
| MAK440 | Glutathione GSH/GSSG Assay Kit                            |
| MAK437 | Glutathione Peroxidase Assay Kit                          |
| MAK535 | Glutathione Reductase Kit                                 |
| MAK453 | Glutathione S-transferase Assay Kit                       |
| MAK117 | Glycerol Assay Kit                                        |
| MAK439 | Glycolysis Assay Kit                                      |

| Kit #         | Product                                               |
|---------------|-------------------------------------------------------|
| <b>MAK114</b> | Glyoxalase I Activity Assay Kit                       |
| <b>MAK543</b> | High Sensitivity Glucose Quantitation Kit             |
| <b>MAK458</b> | Hyaluronidase Inhibitor Screening Assay Kit           |
| <b>MAK569</b> | Hydroxyproline Assay Kit                              |
| <b>MAK463</b> | Hydroxyproline Assay Kit (Perchlorate-Free)           |
| <b>MAK556</b> | Hypochlorite (Hypochlorous Acid) Assay Kit            |
| <b>MAK472</b> | Iron Assay Kit                                        |
| <b>MAK524</b> | Isocitrate Assay Kit                                  |
| <b>MAK493</b> | Isocitrate Dehydrogenase (IDH) Assay Kit              |
| <b>MAK134</b> | Ketone Body Assay                                     |
| <b>MAK570</b> | Lactate Assay Kit                                     |
| <b>MAK464</b> | Lactate Dehydrogenase Assay Kit                       |
| <b>MAK487</b> | Lactose Assay Kit                                     |
| <b>MAK490</b> | L-Amino Acid Assay Kit                                |
| <b>MAK529</b> | LDH Cytotoxicity Assay Kit                            |
| <b>MAK482</b> | Lipase Assay Kit                                      |
| <b>MAK568</b> | Lipid Peroxidation (MDA) Assay Kit                    |
| <b>MAK329</b> | L-Lactate Assay Kit (Colorimetric)                    |
| <b>MAK443</b> | L-Lactate Assay Kit (Fluorometric)                    |
| <b>MAK511</b> | Malate Assay Kit                                      |
| <b>MAK160</b> | Mitochondrial Membrane Potential Kit (Flow Cytometry) |
| <b>MAK159</b> | Mitochondrial Membrane Potential Kit (Microplate)     |
| <b>MAK563</b> | MPO Colorimetric Activity Assay Kit                   |

| Kit #         | Product                                   |
|---------------|-------------------------------------------|
| <b>MAK161</b> | Multidrug Resistance Assay Kit            |
| <b>MAK516</b> | Myeloperoxidase (MPO) Assay Kit           |
| <b>MAK468</b> | NAD/NADH Assay Kit                        |
| <b>MAK460</b> | NAD <sup>+</sup> /NADH Assay Kit          |
| <b>MAK479</b> | NADP/NADPH Assay Kit                      |
| <b>MAK532</b> | Nitric Oxide Synthase (NOS) Assay Kit     |
| <b>MAK515</b> | Oxaloacetate Assay Kit                    |
| <b>MAK506</b> | Peroxidase Assay Kit                      |
| <b>MAK137</b> | Phospholipase D Activity Assay Kit        |
| <b>MAK461</b> | pNPP Phosphatase Assay Kit                |
| <b>MAK172</b> | Proteasome 20s Activity Assay Kit         |
| <b>MAK332</b> | Pyruvate Assay Kit                        |
| <b>MAK567</b> | Pyruvate Dehydrogenase Activity Assay Kit |
| <b>MAK485</b> | Pyruvate Kinase Assay Kit                 |
| <b>MAK314</b> | Sialic Acid Assay Kit                     |
| <b>MAK528</b> | Superoxide Dismutase (SOD) Assay Kit      |
| <b>CS0170</b> | Thioredoxin Reductase Assay Kit           |
| <b>MAK550</b> | Tyrosinase Assay Kit                      |
| <b>MAK173</b> | Universal Fluorometric Kinase Assay Kit   |
| <b>MAK496</b> | Zinc Assay Kit                            |
| <b>MAK541</b> | $\alpha$ -Ketoglutarate Assay Kit         |
| <b>MAK444</b> | $\alpha$ -L-Fucosidase Assay Kit          |

| Kit #         | Product                                                                 |
|---------------|-------------------------------------------------------------------------|
| <b>MAK435</b> | Acetylcholine Assay Kit                                                 |
| <b>MAK337</b> | Aconitase Assay Kit                                                     |
| <b>MAK433</b> | Adenosine Quantification Assay Kit                                      |
| <b>MAK313</b> | Adipolysis Assay Kit                                                    |
| <b>MAK436</b> | AF Cholesterol Assay Kit                                                |
| <b>MAK331</b> | AF HDL and LDL/VLDL Assay Kit                                           |
| <b>MAK500</b> | Alanine Assay Kit                                                       |
| <b>CS0002</b> | Angiotensin I Converting Enzyme (ACE) Activity Assay Kit (Fluorometric) |
| <b>MAK334</b> | Antioxidant Assay Kit                                                   |
| <b>MAK467</b> | Aspartate Transaminase (AST) Assay Kit                                  |
| <b>MAK309</b> | Bile Acid Assay Kit                                                     |
| <b>MAK551</b> | Butyrylcholinesterase (BChE) Activity Assay Kit                         |
| <b>MAK486</b> | Carbonyl Assay Kit                                                      |
| <b>MAK531</b> | Catalase Assay Kit                                                      |
| <b>MAK106</b> | CETP Activity Assay Kit                                                 |
| <b>MAK305</b> | CETP RP Activity Assay Kit                                              |
| <b>CS0005</b> | Cholesterol Quantification Assay kit                                    |
| <b>MAK325</b> | Cholesterol Uptake Assay Kit                                            |
| <b>MAK116</b> | Creatine Kinase Assay Kit                                               |
| <b>MAK509</b> | Ferric Reducing Antioxidant Power (FRAP) Assay Kit                      |
| <b>MAK553</b> | Fluorimetric cADP-Ribose Assay Kit                                      |
| <b>MAK165</b> | Fluorimetric Hydrogen Peroxide Assay Kit                                |
| <b>MAK166</b> | Fluorimetric Hydrogen Peroxide Assay Kit                                |
| <b>MAK535</b> | Glutathione Reductase Kit                                               |
| <b>MAK546</b> | Glycerol 3-Phosphate (G3P) Assay Kit                                    |
| <b>MAK565</b> | High Sensitivity Triglyceride Fluorometric Assay Kit                    |
| <b>MAK569</b> | Hydroxyproline Assay Kit                                                |
| <b>MAK463</b> | Hydroxyproline Assay Kit (Perchlorate-Free)                             |
| <b>MAK164</b> | Intracellular Hydrogen Peroxide Assay                                   |

| Kit #         | Product                                       |
|---------------|-----------------------------------------------|
| <b>MAK306</b> | LCFC-LCAT Acyltransferase Activity Assay      |
| <b>MAK560</b> | Lipid (Oil Red O) Staining Kit                |
| <b>MAK568</b> | Lipid Peroxidation (MDA) Assay Kit            |
| <b>MAK329</b> | L-Lactate Assay Kit (Colorimetric)            |
| <b>MAK443</b> | L-Lactate Assay Kit (Fluorometric)            |
| <b>MAK109</b> | Lpl Activity Assay Kit                        |
| <b>MAK507</b> | Magnesium Assay Kit                           |
| <b>MAK307</b> | Malachite Green Phosphate Assay Kit           |
| <b>MAK563</b> | Mpo Colorimetric Activity Assay Kit           |
| <b>MAK110</b> | MTP Activity Assay Kit                        |
| <b>MAK516</b> | Myeloperoxidase (MPO) Assay Kit               |
| <b>MAK454</b> | Nitric Oxide Assay Kit                        |
| <b>MAK532</b> | Nitric Oxide Synthase (NOS) Assay Kit         |
| <b>MAK323</b> | Nitric Oxide Synthase Inhibitor Screening Kit |
| <b>MAK506</b> | Peroxidase Assay Kit                          |
| <b>MAK311</b> | Peroxide Assay Kit                            |
| <b>MAK308</b> | Phosphate Assay Kit                           |
| <b>MAK108</b> | Pltp Activity Assay Kit                       |
| <b>MAK461</b> | pNPP Phosphatase Assay Kit                    |
| <b>MAK445</b> | Protein Creatinine Ratio Assay Kit            |
| <b>MAK157</b> | Renin Assay Kit                               |
| <b>MAK314</b> | Sialic Acid Assay Kit                         |
| <b>MAK335</b> | Succinate Assay Kit                           |
| <b>MAK528</b> | Superoxide Dismutase (SOD) Assay Kit          |
| <b>CS0170</b> | Thioredoxin Reductase Assay Kit               |
| <b>MAK564</b> | Triglyceride Quantification Kit               |
| <b>MAK173</b> | Universal Fluorometric Kinase Assay Kit       |
| <b>MAK483</b> | Uric Acid Assay Kit                           |
| <b>MAK497</b> | Xanthine Oxidase Assay Kit                    |

| Kit #         | Product                                         |
|---------------|-------------------------------------------------|
| <b>MAK313</b> | Adipolysis Assay Kit                            |
| <b>MAK500</b> | Alanine Assay Kit                               |
| <b>MAK551</b> | Butyrylcholinesterase (BChE) Activity Assay Kit |

| Kit #         | Product                              |
|---------------|--------------------------------------|
| <b>MAK325</b> | Cholesterol Uptake Assay Kit         |
| <b>MAK546</b> | Glycerol 3-Phosphate (G3P) Assay Kit |
| <b>MAK560</b> | Lipid (Oil Red O) Staining Kit       |

| Kit #  | Product                                      |
|--------|----------------------------------------------|
| MAK321 | Acetaldehyde Assay Kit                       |
| MAK446 | Acid Phosphatase Assay Kit                   |
| MAK525 | Acid Phosphatase Fluorometric Assay Kit      |
| MAK498 | Alcohol Dehydrogenase (ADH) Assay Kit        |
| MAK447 | Alkaline Phosphatase Assay Kit               |
| MAK571 | ALT Activity Assay Kit                       |
| MAK310 | Ammonia Assay Kit                            |
| MAK538 | Ammonia Assay Kit                            |
| MAK112 | Arginase Assay Kit                           |
| MAK467 | Aspartate Transaminase (AST) Assay Kit       |
| MAK124 | BCG Albumin Assay Kit                        |
| MAK125 | BCP Albumin Assay Kit                        |
| MAK540 | Beta-Hydroxybutyrate (Ketone Body) Assay Kit |
| MAK309 | Bile Acid Assay Kit                          |
| MAK126 | Bilirubin Assay Kit                          |
| MAK562 | Branched Chain Amino Acid Kit                |
| MAK486 | Carbonyl Assay Kit                           |
| MAK322 | Collagen Assay Kit                           |
| MAK127 | Copper Assay Kit                             |
| MAK526 | Diamine Oxidase Assay Kit                    |

| Kit #  | Product                                                       |
|--------|---------------------------------------------------------------|
| MAK336 | D-Lactate Assay Kit                                           |
| MAK156 | Fatty Acid Uptake Kit                                         |
| MAK499 | Glutamate Dehydrogenase (GDH) Assay Kit                       |
| MAK546 | Glycerol 3-Phosphate (G3P) Assay Kit                          |
| MAK547 | High Sensitivity Beta-Hydroxybutyrate (Ketone Body) Assay Kit |
| MAK128 | Indican Assay Kit                                             |
| MAK326 | Indole Assay Kit                                              |
| MAK482 | Lipase Assay Kit                                              |
| MAK109 | LPL Activity Assay Kit                                        |
| MAK307 | Malachite Green Phosphate Assay Kit                           |
| MAK308 | Phosphate Assay Kit                                           |
| MAK461 | pNPP Phosphatase Assay Kit                                    |
| MAK332 | Pyruvate Assay Kit                                            |
| MAK317 | Sorbitol Dehydrogenase Assay Kit                              |
| MAK558 | Trypsin Activity Assay Kit                                    |
| MAK120 | Urease Assay Kit                                              |
| MAK497 | Xanthine Oxidase Assay Kit                                    |
| MAK478 | $\alpha$ -Amylase Activity Assay Kit                          |
| MAK444 | $\alpha$ -L-Fucosidase Assay Kit                              |
| MAK129 | $\beta$ -Glucosidase Assay Kit                                |

| Kit #  | Product                                                                 |
|--------|-------------------------------------------------------------------------|
| MAK435 | Acetylcholine Assay Kit                                                 |
| MAK119 | Acetylcholinesterase Assay Kit                                          |
| MAK324 | Acetylcholinesterase Inhibitor Screening Kit                            |
| MAK566 | Acetyl-Coenzyme A Assay Kit                                             |
| MAK337 | Aconitase Assay Kit                                                     |
| MAK433 | Adenosine Quantification Assay Kit                                      |
| MAK436 | AF Cholesterol Assay Kit                                                |
| CS0002 | Angiotensin I Converting Enzyme (ACE) Activity Assay Kit (Fluorometric) |
| MAK334 | Antioxidant Assay Kit                                                   |
| MAK533 | Arginase Assay Kit                                                      |
| MAK495 | Aspartate Assay Kit                                                     |
| MAK473 | ATP Assay Kit                                                           |
| MAK171 | Biotin Assay Kit                                                        |
| MAK562 | Branched Chain Amino Acid Kit                                           |
| MAK477 | Calcium Assay Kit                                                       |
| MAK486 | Carbonyl Assay Kit                                                      |
| MAK457 | Caspase-3 Assay Kit                                                     |
| MAK531 | Catalase Assay Kit                                                      |

| Kit #  | Product                                            |
|--------|----------------------------------------------------|
| MAK508 | Choline Assay Kit                                  |
| MAK139 | Colorimetric Aldehyde Assay Kit                    |
| MAK140 | Colorimetric Aldehyde Assay Kit, Blue              |
| MAK127 | Copper Assay Kit                                   |
| MAK494 | Creatine Assay Kit                                 |
| MAK475 | Creatinine Assay Kit                               |
| MAK320 | D-2-Hydroxyglutarate (D2HG) Assay Kit              |
| MAK336 | D-Lactate Assay Kit                                |
| MAK509 | Ferric Reducing Antioxidant Power (FRAP) Assay Kit |
| MAK552 | Fluo-4 No Wash Calcium Assay Kit                   |
| MAK554 | Fluorimetric Acetylcholinesterase Assay Kit        |
| MAK553 | Fluorimetric cADP-Ribose Assay Kit                 |
| MAK165 | Fluorimetric Hydrogen Peroxide Assay Kit           |
| MAK166 | Fluorimetric Hydrogen Peroxide Assay Kit           |
| MAK150 | Fluorometric Intracellular pH Assay Kit            |
| MAK142 | Fluorometric Intracellular Ros Kit (Deep Red)      |
| MAK143 | Fluorometric Intracellular Ros Kit (Green)         |
| MAK144 | Fluorometric Intracellular Ros Kit (Orange)        |
| MAK145 | Fluorometric Intracellular Ros Kit (Red)           |



## 神経 (続き)

| Kit #         | Product                                              |
|---------------|------------------------------------------------------|
| <b>MAK521</b> | Fumarase Assay Kit                                   |
| <b>MAK330</b> | Glutamate Assay Kit                                  |
| <b>MAK440</b> | Glutathione GSH/GSSG Assay Kit                       |
| <b>MAK535</b> | Glutathione Reductase Kit                            |
| <b>MAK453</b> | Glutathione S-transferase Assay Kit                  |
| <b>MAK546</b> | Glycerol 3-Phosphate (G3P) Assay Kit                 |
| <b>MAK565</b> | High Sensitivity Triglyceride Fluorometric Assay Kit |
| <b>MAK569</b> | Hydroxyproline Assay Kit                             |
| <b>MAK463</b> | Hydroxyproline Assay Kit (Perchlorate-Free)          |
| <b>MAK164</b> | Intracellular Hydrogen Peroxide Assay                |
| <b>MAK568</b> | Lipid Peroxidation (MDA) Assay Kit                   |
| <b>MAK512</b> | Malate Dehydrogenase Assay Kit                       |
| <b>MAK557</b> | Melanin Assay Kit                                    |
| <b>MAK520</b> | Monoamine Oxidase (MAO) Inhibitor Screening Kit      |
| <b>MAK136</b> | Monoamine Oxidase Assay Kit                          |
| <b>MAK460</b> | NAD <sup>+</sup> /NADH Assay Kit                     |

| Kit #         | Product                                   |
|---------------|-------------------------------------------|
| <b>MAK454</b> | Nitric Oxide Assay Kit                    |
| <b>MAK506</b> | Peroxidase Assay Kit                      |
| <b>MAK311</b> | Peroxide Assay Kit                        |
| <b>MAK484</b> | Phenylalanine Assay Kit                   |
| <b>MAK461</b> | pNPP Phosphatase Assay Kit                |
| <b>MAK172</b> | Proteasome 20S Activity Assay Kit         |
| <b>MAK567</b> | Pyruvate Dehydrogenase Activity Assay Kit |
| <b>MAK561</b> | Succinate Dehydrogenase Assay Kit         |
| <b>MAK528</b> | Superoxide Dismutase (SOD) Assay Kit      |
| <b>MAK564</b> | Triglyceride Quantification Kit           |
| <b>MAK523</b> | Tryptophan Assay Kit                      |
| <b>MAK173</b> | Universal Fluorometric Kinase Assay Kit   |
| <b>MAK496</b> | Zinc Assay Kit                            |
| <b>MAK123</b> | $\alpha$ -Glucosidase Activity Assay Kit  |
| <b>MAK318</b> | $\alpha$ -Mannosidase Assay Kit           |
| <b>MAK129</b> | $\beta$ -Glucosidase Assay Kit            |





## 内分泌•糖尿病

| Kit #         | Product                                                                 |
|---------------|-------------------------------------------------------------------------|
| <b>MAK337</b> | Aconitase Assay Kit                                                     |
| <b>MAK313</b> | Adipolysis Assay Kit                                                    |
| <b>CS0002</b> | Angiotensin I Converting Enzyme (ACE) Activity Assay Kit (Fluorometric) |
| <b>MAK334</b> | Antioxidant Assay Kit                                                   |
| <b>MAK495</b> | Aspartate Assay Kit                                                     |
| <b>MAK540</b> | Beta-Hydroxybutyrate (Ketone Body) Assay Kit                            |
| <b>MAK562</b> | Branched Chain Amino Acid Kit                                           |
| <b>MAK551</b> | Butyrylcholinesterase (BChE) Activity Assay Kit                         |
| <b>MAK477</b> | Calcium Assay Kit                                                       |
| <b>MAK531</b> | Catalase Assay Kit                                                      |
| <b>CS0720</b> | Citrate Synthase Assay Kit                                              |
| <b>MAK504</b> | Coenzyme A Assay Kit                                                    |
| <b>MAK156</b> | Fatty Acid Uptake Kit                                                   |
| <b>MAK552</b> | Fluo-4 No Wash Calcium Assay Kit                                        |
| <b>MAK167</b> | Fluorometric Maleimide Assay Kit                                        |
| <b>MAK151</b> | Fluorometric Thiol Assay Kit                                            |
| <b>MAK466</b> | Free Fatty Acid Assay Kit                                               |
| <b>MAK476</b> | Glucose Assay Kit                                                       |
| <b>MAK450</b> | Glucose Dehydrogenase Assay Kit                                         |
| <b>MAK501</b> | Glucose Oxidase Activity Assay Kit                                      |
| <b>MAK542</b> | Glucose Uptake Assay Kit (Colorimetric)                                 |
| <b>MAK489</b> | Glucose Uptake Assay Kit (Fluorometric)                                 |
| <b>MAK437</b> | Glutathione Peroxidase Assay Kit                                        |
| <b>MAK453</b> | Glutathione S-transferase Assay Kit                                     |

| Kit #         | Product                                                       |
|---------------|---------------------------------------------------------------|
| <b>MAK546</b> | Glycerol 3-Phosphate (G3P) Assay Kit                          |
| <b>MAK465</b> | Glycogen Assay Kit                                            |
| <b>MAK439</b> | Glycolysis Assay Kit                                          |
| <b>MAK547</b> | High Sensitivity Beta-Hydroxybutyrate (Ketone Body) Assay Kit |
| <b>MAK543</b> | High Sensitivity Glucose Quantitation Kit                     |
| <b>MAK134</b> | Ketone Body Assay Kit                                         |
| <b>MAK570</b> | Lactate Assay Kit                                             |
| <b>MAK560</b> | Lipid (Oil Red O) Staining Kit                                |
| <b>MAK568</b> | Lipid Peroxidation (MDA) Assay Kit                            |
| <b>MAK329</b> | L-Lactate Assay Kit (Colorimetric)                            |
| <b>MAK443</b> | L-Lactate Assay Kit (Fluorometric)                            |
| <b>MAK507</b> | Magnesium Assay Kit                                           |
| <b>MAK513</b> | Maltose Assay Kit                                             |
| <b>MAK172</b> | Proteasome 20S Activity Assay Kit                             |
| <b>MAK445</b> | Protein Creatinine Ratio Assay Kit                            |
| <b>MAK442</b> | Sorbitol Assay Kit                                            |
| <b>MAK317</b> | Sorbitol Dehydrogenase Assay Kit                              |
| <b>MAK173</b> | Universal Fluorometric Kinase Assay Kit                       |
| <b>MAK471</b> | Urea Assay Kit III                                            |
| <b>MAK483</b> | Uric Acid Assay Kit                                           |
| <b>MAK478</b> | $\alpha$ -Amylase Activity Assay Kit                          |
| <b>MAK123</b> | $\alpha$ -Glucosidase Assay Kit                               |
| <b>MAK444</b> | $\alpha$ -L-Fucosidase Assay Kit                              |
| <b>MAK456</b> | $\beta$ -N-Acetylglucosaminidase Assay Kit                    |



## 免疫

| Kit #         | Product                           |
|---------------|-----------------------------------|
| <b>MAK112</b> | Arginase Assay Kit                |
| <b>MAK138</b> | Autophagy Assay Kit               |
| <b>MAK545</b> | Beta-Lactamase Activity Assay Kit |
| <b>MAK127</b> | Copper Assay Kit                  |
| <b>MAK536</b> | Cytotoxicity Assay Kit            |
| <b>MAK526</b> | Diamine Oxidase Assay Kit         |

| Kit #         | Product                               |
|---------------|---------------------------------------|
| <b>MAK438</b> | Glutamine Assay Kit                   |
| <b>MAK557</b> | Melanin Assay Kit                     |
| <b>MAK454</b> | Nitric Oxide Assay Kit                |
| <b>MAK532</b> | Nitric Oxide Synthase (NOS) Assay Kit |
| <b>MAK335</b> | Succinate Assay Kit                   |
| <b>MAK496</b> | Zinc Assay Kit                        |



## 血液

| Kit #  | Product                                                   |
|--------|-----------------------------------------------------------|
| MAK133 | ADP Assay Kit                                             |
| MAK518 | ADP Assay Kit                                             |
| MAK126 | Bilirubin Assay Kit                                       |
| MAK477 | Calcium Assay Kit                                         |
| MAK127 | Copper Assay Kit                                          |
| MAK536 | Cytotoxicity Assay Kit                                    |
| MAK554 | Fluorimetric Acetylcholinesterase Assay Kit               |
| MAK450 | Glucose Dehydrogenase Assay Kit                           |
| MAK548 | Glucose-6-Phosphate (G6P) Assay Kit                       |
| MAK503 | Glucose-6-Phosphate Assay Kit                             |
| MAK451 | Glucose-6-Phosphate Dehydrogenase Assay Kit               |
| MAK452 | Glucose-6-Phosphate Dehydrogenase Inhibitor Screening Kit |
| MAK535 | Glutathione Reductase Kit                                 |

| Kit #  | Product                             |
|--------|-------------------------------------|
| MAK316 | Heme Assay Kit                      |
| MAK115 | Hemoglobin Assay Kit                |
| MAK472 | Iron Assay Kit                      |
| MAK464 | Lactate Dehydrogenase Assay Kit     |
| MAK529 | LDH Cytotoxicity Assay Kit          |
| MAK563 | MPO Colorimetric Activity Assay Kit |
| MAK516 | Myeloperoxidase (MPO) Assay Kit     |
| MAK461 | pNPP Phosphatase Assay Kit          |
| MAK485 | Pyruvate Kinase Assay Kit           |
| MAK314 | Sialic Acid Assay Kit               |
| MAK455 | Whole Blood Hemoglobin (Hb) Kit     |
| MAK496 | Zinc Assay Kit                      |
| MAK129 | $\beta$ -Glucosidase Assay Kit      |



## 泌尿生殖器

| Kit #  | Product                                 |
|--------|-----------------------------------------|
| MAK525 | Acid Phosphatase Fluorometric Assay Kit |
| MAK530 | Alkaline Phosphatase (ALP) Assay Kit    |
| MAK310 | Ammonia Assay Kit                       |
| MAK124 | BCG Albumin Assay Kit                   |
| MAK125 | BCP Albumin Assay Kit                   |
| MAK477 | Calcium Assay Kit                       |
| MAK494 | Creatine Assay Kit                      |
| MAK116 | Creatine Kinase Assay Kit               |
| MAK475 | Creatinine Assay Kit                    |
| MAK537 | D-Amino Acid Assay Kit                  |
| MAK552 | Fluo-4 No Wash Calcium Assay Kit        |

| Kit #  | Product                                    |
|--------|--------------------------------------------|
| MAK553 | Fluorimetric cADP-Ribose Assay Kit         |
| MAK150 | Fluorometric Intracellular Ph Assay Kit    |
| MAK169 | High Sensitivity Pyrophosphate Assay Kit   |
| MAK556 | Hypochlorite (Hypochlorous Acid) Assay Kit |
| MAK490 | L-Amino Acid Assay Kit                     |
| MAK315 | Oxalate Assay Kit                          |
| MAK132 | Sulfate Assay Kit                          |
| MAK471 | Urea Assay Kit III                         |
| MAK483 | Uric Acid Assay Kit                        |
| MAK496 | Zinc Assay Kit                             |
| MAK456 | $\beta$ -N-Acetylglucosaminidase Assay Kit |

## リウマチ

| Kit #  | Product                                  |
|--------|------------------------------------------|
| MAK337 | Aconitase Assay Kit                      |
| MAK334 | Antioxidant Assay Kit                    |
| MAK322 | Collagen Assay Kit                       |
| MAK152 | Colorimetric Sphingomyelinase Assay Kit  |
| MAK169 | High Sensitivity Pyrophosphate Assay Kit |

| Kit #  | Product                                     |
|--------|---------------------------------------------|
| MAK569 | Hydroxyproline Assay Kit                    |
| MAK463 | Hydroxyproline Assay Kit (Perchlorate-Free) |
| MAK534 | Salicylate Assay Kit                        |
| MAK483 | Uric Acid Assay Kit                         |
| MAK497 | Xanthine Oxidase Assay Kit                  |

## 整形外科

| Kit #  | Product                                  |
|--------|------------------------------------------|
| MAK530 | Alkaline Phosphatase (ALP) Assay Kit     |
| MAK127 | Copper Assay Kit                         |
| MAK116 | Creatine Kinase Assay Kit                |
| MAK166 | Fluorimetric Hydrogen Peroxide Assay Kit |

| Kit #  | Product                                  |
|--------|------------------------------------------|
| MAK165 | Fluorimetric Hydrogen Peroxide Assay Kit |
| MAK164 | Intracellular Hydrogen Peroxide Assay    |
| MAK555 | Lysyl Oxidase (LOX) Assay Kit            |
| MAK311 | Peroxide Assay Kit                       |

## 老年医学

| Kit #  | Product                                  |
|--------|------------------------------------------|
| MAK127 | Copper Assay Kit                         |
| MAK116 | Creatine Kinase Assay Kit                |
| MAK165 | Fluorimetric Hydrogen Peroxide Assay Kit |
| MAK166 | Fluorimetric Hydrogen Peroxide Assay Kit |
| MAK440 | Glutathione GSH/GSSG Assay Kit           |

| Kit #  | Product                               |
|--------|---------------------------------------|
| MAK164 | Intracellular Hydrogen Peroxide Assay |
| MAK460 | NAD+/NADH Assay Kit                   |
| MAK532 | Nitric Oxide Synthase (NOS) Assay Kit |
| MAK311 | Peroxide Assay Kit                    |

## 小児・新生児

| Kit #  | Product               |
|--------|-----------------------|
| MAK502 | Galactose Assay Kit   |
| MAK465 | Glycogen Assay Kit    |
| MAK134 | Ketone Body Assay Kit |

| Kit #  | Product                 |
|--------|-------------------------|
| MAK487 | Lactose Assay Kit       |
| MAK311 | Peroxide Assay Kit      |
| MAK484 | Phenylalanine Assay Kit |

## 皮膚

| Kit #  | Product            |
|--------|--------------------|
| MAK171 | Biotin Assay Kit   |
| MAK531 | Catalase Assay Kit |
| MAK322 | Collagen Assay Kit |
| MAK127 | Copper Assay Kit   |

| Kit #  | Product                       |
|--------|-------------------------------|
| MAK569 | Hydroxyproline Assay Kit      |
| MAK555 | Lysyl Oxidase (LOX) Assay Kit |
| MAK557 | Melanin Assay Kit             |



## 呼吸器

| Kit #         | Product                                  |
|---------------|------------------------------------------|
| <b>MAK510</b> | Chloride Assay Kit                       |
| <b>MAK322</b> | Collagen Assay Kit                       |
| <b>MAK165</b> | Fluorimetric Hydrogen Peroxide Assay Kit |
| <b>MAK166</b> | Fluorimetric Hydrogen Peroxide Assay Kit |
| <b>MAK453</b> | Glutathione S-transferase Assay Kit      |

| Kit #         | Product                               |
|---------------|---------------------------------------|
| <b>MAK164</b> | Intracellular Hydrogen Peroxide Assay |
| <b>MAK482</b> | Lipase Assay Kit                      |
| <b>MAK555</b> | Lysyl Oxidase (LOX) Assay Kit         |
| <b>MAK311</b> | Peroxide Assay Kit                    |
| <b>MAK528</b> | Superoxide Dismutase (SOD) Assay Kit  |



## 栄養

| Kit #         | Product                 |
|---------------|-------------------------|
| <b>MAK313</b> | Adipolysis Assay Kit    |
| <b>MAK505</b> | Ascorbic Acid Assay Kit |
| <b>MAK138</b> | Autophagy Assay Kit     |
| <b>MAK124</b> | BCG Albumin Assay Kit   |
| <b>MAK125</b> | BCP Albumin Assay Kit   |
| <b>MAK171</b> | Biotin Assay Kit        |
| <b>MAK504</b> | Coenzyme A Assay Kit    |
| <b>MAK494</b> | Creatine Assay Kit      |
| <b>MAK475</b> | Creatinine Assay Kit    |
| <b>MAK537</b> | D-Amino Acid Assay Kit  |

| Kit #         | Product                                            |
|---------------|----------------------------------------------------|
| <b>MAK526</b> | Diamine Oxidase Assay Kit                          |
| <b>MAK544</b> | Enterokinase (Enteropeptidase) Activity Assay Kit  |
| <b>MAK509</b> | Ferric Reducing Antioxidant Power (FRAP) Assay Kit |
| <b>MAK128</b> | Indican Assay Kit                                  |
| <b>MAK490</b> | L-Amino Acid Assay Kit                             |
| <b>MAK513</b> | Maltose Assay Kit                                  |
| <b>MAK522</b> | Starch Assay Kit                                   |
| <b>MAK559</b> | Total Carbohydrate Assay Kit                       |
| <b>MAK471</b> | Urea Assay Kit III                                 |



## 環境検査

| Kit #         | Product                               |
|---------------|---------------------------------------|
| <b>MAK434</b> | Acetaldehyde Assay Kit                |
| <b>MAK334</b> | Antioxidant Assay Kit                 |
| <b>MAK448</b> | Boron Assay Kit                       |
| <b>MAK139</b> | Colorimetric Aldehyde Assay Kit       |
| <b>MAK140</b> | Colorimetric Aldehyde Assay Kit, Blue |
| <b>MAK459</b> | Detergent Assay Kit                   |
| <b>MAK491</b> | Formate Assay Kit                     |

| Kit #         | Product                                    |
|---------------|--------------------------------------------|
| <b>MAK117</b> | Glycerol Assay Kit                         |
| <b>MAK556</b> | Hypochlorite (Hypochlorous Acid) Assay Kit |
| <b>MAK118</b> | Invertase Activity Assay Kit               |
| <b>MAK488</b> | Phosphate Assay Kit                        |
| <b>MAK442</b> | Sorbitol Assay Kit                         |
| <b>MAK120</b> | Urease Assay Kit                           |



## 食品・飲料・化粧品検査

| Kit #         | Product                                             |
|---------------|-----------------------------------------------------|
| <b>MAK434</b> | Acetaldehyde Assay Kit (Colorimetric)               |
| <b>MAK321</b> | Acetaldehyde Assay Kit (Fluorometric)               |
| <b>MAK474</b> | Acetate Assay Kit                                   |
| <b>MAK331</b> | AF HDL and LDL/VLDL Assay Kit                       |
| <b>MAK500</b> | Alanine Assay Kit                                   |
| <b>MAK334</b> | Antioxidant Assay Kit                               |
| <b>MAK505</b> | Ascorbic Acid Assay Kit                             |
| <b>MAK477</b> | Calcium Assay Kit                                   |
| <b>MAK227</b> | Chloramphenicol Extraction Kit                      |
| <b>MAK510</b> | Chloride Assay Kit                                  |
| <b>MAK508</b> | Choline Assay Kit                                   |
| <b>MAK333</b> | Citrate Assay Kit                                   |
| <b>MAK322</b> | Collagen Assay Kit                                  |
| <b>MAK494</b> | Creatine Assay Kit                                  |
| <b>MAK537</b> | D-Amino Acid Assay Kit                              |
| <b>MAK336</b> | D-Lactate Assay Kit                                 |
| <b>MAK480</b> | Ethanol Assay Kit                                   |
| <b>MAK481</b> | Ethanol Assay Kit                                   |
| <b>MAK338</b> | Fatty Acid Extraction Kit (High Standard)           |
| <b>MAK174</b> | Fatty Acid Extraction Kit, Low Standard (150 ug/ml) |
| <b>MAK225</b> | Fatty Acid Methyl Ester Purification Kit            |
| <b>MAK224</b> | Fatty Acid Methylation Kit                          |
| <b>MAK509</b> | Ferric Reducing Antioxidant Power (FRAP) Assay Kit  |
| <b>MAK142</b> | Fluorometric Intracellular Ros Kit (Deep Red)       |
| <b>MAK144</b> | Fluorometric Intracellular Ros Kit (Orange)         |
| <b>MAK491</b> | Formate Assay Kit                                   |
| <b>MAK449</b> | Free Amino Nitrogen Assay Kit                       |
| <b>MAK466</b> | Free Fatty Acid Assay Kit                           |
| <b>MAK502</b> | Galactose Assay Kit                                 |
| <b>MAK476</b> | Glucose Assay Kit                                   |

| Kit #         | Product                                                       |
|---------------|---------------------------------------------------------------|
| <b>MAK501</b> | Glucose Oxidase Activity Assay Kit                            |
| <b>MAK330</b> | Glutamate Assay Kit                                           |
| <b>MAK117</b> | Glycerol Assay Kit                                            |
| <b>MAK547</b> | High Sensitivity Beta-Hydroxybutyrate (Ketone Body) Assay Kit |
| <b>MAK169</b> | High Sensitivity Pyrophosphate Assay Kit                      |
| <b>MAK565</b> | High Sensitivity Triglyceride Fluorometric Assay Kit          |
| <b>MAK432</b> | Histamine Quantification Assay Kit                            |
| <b>MAK326</b> | Indole Assay Kit                                              |
| <b>MAK118</b> | Invertase Activity Assay Kit                                  |
| <b>MAK472</b> | Iron Assay Kit                                                |
| <b>MAK524</b> | Isocitrate Assay Kit                                          |
| <b>MAK570</b> | Lactate Assay Kit                                             |
| <b>MAK487</b> | Lactose Assay Kit                                             |
| <b>MAK490</b> | L-Amino Acid Assay Kit                                        |
| <b>MAK507</b> | Magnesium Assay Kit                                           |
| <b>MAK511</b> | Malate Assay Kit                                              |
| <b>MAK513</b> | Maltose Assay Kit                                             |
| <b>MAK514</b> | Mannitol Assay Kit                                            |
| <b>MAK454</b> | Nitric Oxide Assay Kit                                        |
| <b>MAK488</b> | Phosphate Assay Kit                                           |
| <b>MAK122</b> | Phospholipid Assay Kit                                        |
| <b>MAK168</b> | Pyrophosphate Assay Kit                                       |
| <b>MAK442</b> | Sorbitol Assay Kit                                            |
| <b>MAK522</b> | Starch Assay Kit                                              |
| <b>MAK175</b> | Sterol Extraction Kit                                         |
| <b>MAK528</b> | Superoxide Dismutase (SOD) Assay Kit                          |
| <b>MAK559</b> | Total Carbohydrate Assay Kit                                  |
| <b>MAK550</b> | Tyrosinase Assay Kit                                          |
| <b>MAK471</b> | Urea Assay Kit III                                            |
| <b>MAK496</b> | Zinc Assay Kit                                                |

| Kit #  | Product                                        |
|--------|------------------------------------------------|
| MAK435 | Acetylcholine Assay Kit                        |
| MAK313 | Adipolysis Assay Kit                           |
| MAK135 | ADP/ATP Ratio Assay Kit                        |
| MAK331 | AF HDL and LDL/VLDL Assay Kit                  |
| MAK500 | Alanine Assay Kit                              |
| MAK327 | Aldehyde Dehydrogenase Inhibitor Screening Kit |
| MAK530 | Alkaline Phosphatase (ALP) Assay Kit           |
| MAK334 | Antioxidant Assay Kit                          |
| MAK545 | Beta-Lactamase Activity Assay Kit              |
| MAK457 | Caspase-3 Assay Kit                            |
| MAK106 | CETP Activity Assay Kit                        |
| MAK305 | CETP RP Activity Assay Kit                     |
| MAK325 | Cholesterol Uptake Assay Kit                   |
| MAK536 | Cytotoxicity Assay Kit                         |
| MAK450 | Glucose Dehydrogenase Assay Kit                |
| MAK451 | Glucose-6-Phosphate Dehydrogenase Assay Kit    |

| Kit #  | Product                                                   |
|--------|-----------------------------------------------------------|
| MAK452 | Glucose-6-Phosphate Dehydrogenase Inhibitor Screening Kit |
| MAK330 | Glutamate Assay Kit                                       |
| MAK441 | Kinase Assay Kit                                          |
| MAK306 | LCFC-LCAT Activity Assay Kit                              |
| MAK329 | L-Lactate Assay Kit (Colorimetric)                        |
| MAK443 | L-Lactate Assay Kit (Fluorometric)                        |
| MAK109 | LPL Activity Assay Kit                                    |
| MAK110 | MTP Activity Assay Kit                                    |
| MAK161 | Multidrug Resistance Assay Kit                            |
| MAK121 | Neuraminidase Assay Kit                                   |
| MAK323 | Nitric Oxide Synthase Inhibitor Screening Kit             |
| MAK122 | Phospholipid Assay Kit                                    |
| MAK108 | PLTP Activity Assay Kit                                   |
| MAK332 | Pyruvate Assay Kit                                        |



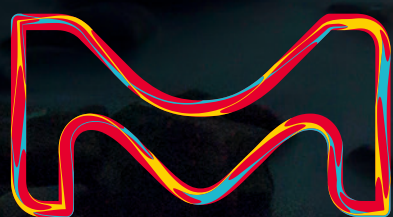
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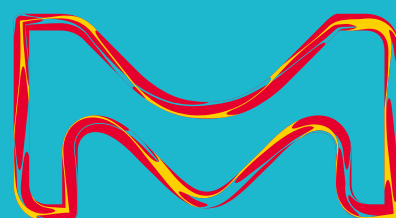


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