



Cell Culture Reagents

Liquid media

Quality control items : pH, Osmotic pressure, Sterility test, Endotoxin test, Mycoplasma test

Composition summary

| Media name | Product No. | Glucose | L-Gln | Phenol Red | HEPES | Sodium Pyruvate | Others | Animal-Free* |
|-----------------|-------------|---------|-------|------------|-------|-----------------|---|--------------|
| DMEM | 08459 | High | ○ | ○ | — | — | | ○ |
| | 08458 | | ○ | ○ | — | ○ | | ○ |
| | 11584 | | — | ○ | — | ○ | | ○ |
| | 08457 | | ○ | ○ | ○ | — | | ○ |
| | 11585 | | — | ○ | ○ | — | | ○ |
| | 08488 | | — | ○ | — | — | | ○ |
| | 08489 | | — | — | — | — | | ○ |
| | 16971 | | ○ | ○ | — | ○ | with 1,500 mg/L sodium hydrogen carbonate | ○ |
| | 16972 | — | ○ | — | — | without calcium | ○ | |
| | 08456 | Low | ○ | ○ | — | ○ | | ○ |
| | 08490 | | — | — | — | ○ | | ○ |
| | 09891 | No | ○ | ○ | — | — | | ○ |
| DMEM/Ham's F-12 | 11581 | ○ | ○ | ○ | — | ○ | | ○ |
| | 08460 | ○ | ○ | ○ | ○ | ○ | | ○ |
| | 11583 | ○ | — | ○ | ○ | ○ | | ○ |
| | 05177 | ○ | ○ | — | ○ | ○ | | ○ |
| | 11582 | ○ | ○ | — | — | ○ | | ○ |
| | 09893 | No | ○ | ○ | — | ○ | | ○ |
| Ham's F-12 | 17458 | ○ | ○ | ○ | — | ○ | | ○ |
| G-MEM | 12965 | ○ | ○ | ○ | — | — | | ○ |
| MEM | 21442 | ○ | ○ | ○ | — | — | | ○ |
| | 21443 | ○ | ○ | ○ | — | — | with non-essential amino acids | ○ |
| | 09848 | No | ○ | ○ | — | — | with non-essential amino acids | ○ |
| α-MEM | 21445 | ○ | ○ | ○ | — | ○ | | ○ |
| | 21444 | ○ | ○ | ○ | — | ○ | with nucleosides | ○ |
| IMDM | 11506 | ○ | ○ | ○ | ○ | ○ | | ○ |
| RPMI 1640 | 30264 | ○ | ○ | ○ | — | — | | ○ |
| | 30263 | ○ | ○ | ○ | ○ | — | | ○ |
| | 05176 | ○ | — | ○ | — | — | | ○ |
| | 06261 | ○ | ○ | — | — | — | | ○ |
| | 16970 | ○ | ○ | ○ | ○ | ○ | with 4,500 mg/L glucose | ○ |
| | 09892 | No | ○ | ○ | — | — | | ○ |

*Animal-Free: No materials of animal origin are used in the raw materials or manufacturing process.

For detailed composition, please see our web site.
You can also search our online catalog e-Nacalai Search Version (<http://e-nacalai.jp>)

Liquid media

| Product Name | Grade | Storage | Product No. | PKG size |
|---|-------------|---------|-------------|-------------|
| DMEM(4.5g/l Glucose) with L-Gln, without Sodium Pyruvate, liquid | SP (For TC) | R | 08459-35 | 500 mL |
| | | | 08459-64 | 10 X 500 mL |
| DMEM(4.5g/l Glucose) with L-Gln and Sodium Pyruvate, liquid | SP (For TC) | R | 08458-45 | 500 mL |
| | | | 08458-16 | 10 X 500 mL |
| DMEM(4.5g/l Glucose) with Sodium Pyruvate, without L-Gln, liquid | SP (For TC) | R | 11584-85 | 500 mL |
| DMEM(4.5g/l Glucose) with L-Gln and HEPES, without Sodium Pyruvate, liquid | SP (For TC) | R | 08457-55 | 500 mL |
| DMEM(4.5g/l Glucose) with HEPES, without L-Gln and Sodium Pyruvate, liquid | SP (For TC) | R | 11585-75 | 500 mL |
| DMEM(4.5g/l Glucose) without L-Gln and Sodium Pyruvate, liquid | SP (For TC) | R | 08488-55 | 500 mL |
| DMEM(4.5g/l Glucose) without L-Gln, Sodium Pyruvate and Phenol Red, liquid | SP (For TC) | R | 08489-45 | 500 mL |
| DMEM(4.5g/l Glucose) with L-Gln, Sodium Pyruvate and 1.5g/l Sodium Hydrogen Carbonate, liquid | SP (For TC) | R | 16971-55 | 500 mL |
| DMEM(4.5g/l Glucose) Calcium free without L-Gln and Sodium Pyruvate, liquid | SP (For TC) | R | 16972-45 | 500 mL |
| DMEM(1.0g/l Glucose) with L-Gln and Sodium Pyruvate, liquid | SP (For TC) | R | 08456-65 | 500 mL |
| | | | 08456-36 | 10 X 500 mL |
| DMEM(1.0g/l Glucose) with Sodium Pyruvate, without L-Gln and Phenol Red, liquid | SP (For TC) | R | 08490-05 | 500 mL |
| DMEM(No Glucose) with L-Gln, without Sodium Pyruvate, liquid | SP (For TC) | R | 09891-25 | 500 mL |
| DMEM/Ham's F-12 with L-Gln and Sodium Pyruvate, without HEPES, liquid | SP (For TC) | R | 11581-15 | 500 mL |
| DMEM/Ham's F-12 with L-Gln, Sodium Pyruvate and HEPES, liquid | SP (For TC) | R | 08460-95 | 500 mL |
| DMEM/Ham's F-12 with Sodium Pyruvate and HEPES, without L-Gln, liquid | SP (For TC) | R | 11583-95 | 500 mL |
| DMEM/Ham's F-12 with L-Gln, Sodium Pyruvate and HEPES, without Phenol Red, liquid | SP (For TC) | R | 05177-15 | 500 mL |
| DMEM/Ham's F-12 with L-Gln and Sodium Pyruvate, without HEPES and Phenol Red, liquid | SP (For TC) | R | 11582-05 | 500 mL |
| DMEM/Ham's F-12(No Glucose) with L-Gln and Sodium Pyruvate, liquid | SP (For TC) | R | 09893-05 | 500 mL |
| Ham's F-12 with L-Gln, liquid | SP (For TC) | R | 17458-65 | 500 mL |
| G-MEM with L-Gln, liquid | SP (For TC) | R | 12965-65 | 500 mL |
| MEM with Earle's Salts and L-Gln, liquid | SP (For TC) | R | 21442-25 | 500 mL |
| MEM with Earle's Salts, L-Gln and Non-Essential Amino Acids, liquid | SP (For TC) | R | 21443-15 | 500 mL |
| MEM(No Glucose) with Earle's Salts, L-Gln and Non-Essential Amino Acids, liquid | SP (For TC) | R | 09848-05 | 500 mL |
| α -MEM with L-Gln, without Ribonucleosides and Deoxyribonucleosides, liquid | SP (For TC) | R | 21445-95 | 500 mL |
| α -MEM with L-Gln, Ribonucleosides and Deoxyribonucleosides, liquid | SP (For TC) | R | 21444-05 | 500 mL |
| IMDM with L-Gln and HEPES, liquid | SP (For TC) | R | 11506-05 | 500 mL |
| RPMI 1640 with L-Gln, liquid | SP (For TC) | R | 30264-85 | 500 mL |
| | | | 30264-56 | 10 X 500 mL |
| RPMI 1640 with L-Gln and HEPES, liquid | SP (For TC) | R | 30263-95 | 500 mL |
| RPMI 1640 without L-Gln, liquid | SP (For TC) | R | 05176-25 | 500 mL |
| RPMI 1640 with L-Gln, without Phenol Red, liquid | SP (For TC) | R | 06261-65 | 500 mL |
| RPMI 1640(4.5g/l Glucose) with L-Gln, Sodium Pyruvate and HEPES | SP (For TC) | R | 16970-65 | 500 mL |
| RPMI 1640(No Glucose) with L-Gln, liquid | SP (For TC) | R | 09892-15 | 500 mL |

For more information on custom cell culture media, refer to page 8.

Balanced salt solutions

Quality control items : pH, Osmotic pressure, Sterility test, Endotoxin test, Mycoplasma test

| Product Name | KCl | Ca · Mg | Phenol Red | Product No. | PKG size | Animal-Free* |
|--|-----|---------|------------|-------------|-------------|--------------|
| D-PBS(-) without Ca and Mg, liquid | ○ | — | — | 14249-95 | 500 mL | ○ |
| | | | | 14249-24 | 10 X 500 mL | ○ |
| D-PBS(-) without Ca and Mg, liquid(10x) | ○ | — | — | 11482-15 | 500 mL | ○ |
| D-PBS without Ca and Mg, Powder | ○ | — | — | 07269-84 | 100 g | ○ |
| Phosphate Buffered Saline without KCl(pH 7.2) | — | — | — | 11480-35 | 500 mL | ○ |
| Phosphate Buffered Saline without KCl(10x)(pH 7.2) | — | — | — | 11481-25 | 500 mL | ○ |
| Phosphate Buffered Saline without KCl(pH 7.4) | — | — | — | 13397-85 | 500 mL | ○ |
| D-PBS(+)Preparation Reagent(Ca, Mg Solution)(100x) | — | ○ | — | 02492-94 | 30 mL | ○ |
| HBSS(+) with Ca, Mg and Phenol Red, liquid | ○ | ○ | ○ | 17459-55 | 500 mL | ○ |
| HBSS(+) with Ca, Mg, without Phenol Red, liquid | ○ | ○ | — | 09735-75 | 500 mL | ○ |
| HBSS(-) without Ca and Mg, with Phenol Red, liquid | ○ | — | ○ | 17460-15 | 500 mL | ○ |
| HBSS(-) without Ca, Mg and Phenol Red, liquid | ○ | — | — | 17461-05 | 500 mL | ○ |

Sterile water

Quality control items : Sterility test, Endotoxin test, Nuclease test, Protease test

| Product Name | Grade | Product No. | PKG size |
|------------------------------|----------------------------|-------------|----------|
| Water deionized & sterilized | SP (For molecular biology) | 06442-95 | 500 mL |

Media additives

| Product Name | Grade | Storage | Product No. | PKG size | Animal-Free* |
|---|-------------|---------|-------------|----------|--------------|
| Solutions | | | | | |
| 200mmol/l L-Alanyl-L-glutamine Solution(100x) | SP (For TC) | F | 04260-64 | 100 mL | ○ |
| 200mM-L-Glutamine Stock Solution | SP (For TC) | F | 16948-04 | 100 mL | ○ |
| 0.1mol/l-Calcium Chloride Solution | SP (For TC) | RT | 16973-64 | 20 mL | ○ |
| 45(w/v)%-D-(+)-Glucose Solution | SP (For TC) | RT | 16974-54 | 100 mL | ○ |
| 1mol/l-HEPES Buffer Solution | SP (For TC) | R | 17557-94 | 100 mL | ○ |
| MEM Non-Essential Amino Acids Solution(100x) | SP (For TC) | R | 06344-14 | 20 mL | ○ |
| | | | 06344-56 | 100 mL | ○ |
| 100mM-Sodium Pyruvate Solution(100x) | SP (For TC) | R | 06977-34 | 100 mL | ○ |
| Amino Acids | | | | | |
| L- α -Alanine, Animal-Free | SP (For TC) | RT | 12998-32 | 25 g | ○ |
| L-Alanyl-L-glutamine, Animal-Free | SP (For TC) | R | 18189-52 | 25 g | ○ |
| L-Arginine, Animal-Free | SP (For TC) | RT | 11984-32 | 25 g | ○ |
| | | | 11984-45 | 500 g | |
| L-(+)-Arginine Monohydrochloride, Animal-Free | SP (For TC) | RT | 12999-22 | 25 g | ○ |
| L-Asparagine Monohydrate, Animal-Free | SP (For TC) | RT | 13000-42 | 25 g | ○ |
| L-Aspartic Acid, Animal-Free | SP (For TC) | RT | 13002-22 | 25 g | ○ |
| L-Cysteine Hydrochloride Monohydrate, Animal-Free | SP (For TC) | R | 11983-42 | 25 g | ○ |
| | | | 11983-55 | 500 g | |
| L-Cystine Dihydrochloride, Animal-Free | SP (For TC) | RT | 13003-12 | 25 g | ○ |
| L-Glutamic Acid, Animal-Free | SP (For TC) | RT | 13012-92 | 25 g | ○ |

Media additives

| Product Name | Grade | Storage | Product No. | PKG size | Animal-Free* |
|---|-------------------------------------|---------|-------------|-------------|--------------|
| Amino Acids | | | | | |
| L-Glutamine, Animal-Free | SP (For TC) | RT | 13004-02 | 25 g | ○ |
| | | | 13004-15 | 500 g | |
| Glycine, Animal-Free | SP (For TC) | RT | 12997-42 | 25 g | ○ |
| L-Histidine(free base), Animal-Free | SP (For TC) | RT | 13014-72 | 25 g | ○ |
| L-Histidine Monohydrochloride Monohydrate, Animal-Free | SP (For TC) | RT | 13017-42 | 25 g | ○ |
| L-Hydroxyproline, Animal-Free | SP (For TC) | RT | 13018-32 | 25 g | ○ |
| L-(+)-Isoleucine, Animal-Free | SP (For TC) | RT | 13035-02 | 25 g | ○ |
| L-Leucine, Animal-Free | SP (For TC) | RT | 13036-92 | 25 g | ○ |
| L-Lysine Monohydrochloride, Animal-Free | SP (For TC) | RT | 13037-82 | 25 g | ○ |
| L-Methionine, Animal-Free | SP (For TC) | RT | 13038-72 | 25 g | ○ |
| L-(-)-Phenylalanine, Animal-Free | SP (For TC) | RT | 13039-62 | 25 g | ○ |
| L-(-)-Proline, Animal-Free | SP (For TC) | RT | 13040-22 | 25 g | ○ |
| L-Serine, Animal-Free | SP (For TC) | RT | 13041-12 | 25 g | ○ |
| L-Threonine, Animal-Free | SP (For TC) | RT | 13042-02 | 25 g | ○ |
| L-Tryptophan, Animal-Free | SP (For TC) | RT | 13043-92 | 25 g | ○ |
| L-Tyrosine Disodium Salt Dihydrate, Animal-Free | SP (For TC) | R | 11985-22 | 25 g | ○ |
| | | | 11985-35 | 500 g | |
| L-Valine, Animal-Free | SP (For TC) | RT | 13046-62 | 25 g | ○ |
| Vitamins | | | | | |
| <i>p</i> -Aminobenzoic Acid, Animal-Free | SP (For TC) | RT | 13047-52 | 25 g | ○ |
| L-(+)-Ascorbic Acid, Animal-Free | SP (For TC) | RT | 13048-42 | 25 g | ○ |
| D-Biotin, Animal-Free | SP (For TC) | RT | 13049-61 | 1 g | ○ |
| Choline Chloride, Animal-Free | SP (For TC) | R | 13050-34 | 5 g | ○ |
| <i>myo</i> -Inositol, Animal-Free | SP (For TC) | RT | 13051-82 | 25 g | ○ |
| Pyridoxine Hydrochloride, Animal-Free | SP (For TC) | RT | 13053-04 | 5 g | ○ |
| Vitamin B ₁ Hydrochloride, Animal-Free | SP (For TC) | RT | 13052-14 | 5 g | ○ |
| Vitamin B ₁₂ , Animal-Free | SP (For TC) | R | 13054-94 | 100 mg | ○ |
| Low Molecular Compounds | | | | | |
| 17 β -Estradiol, Animal-Free | SP (For biochemical research) | R | 18192-92 | 25 mg | ○ |
| IWP-2, Animal-Free | SP (For biochemical research) | R | 18175-64 | 5 mg | ○ |
| SB 431542, Animal-Free | SP (For biochemical research) | RT | 18176-54 | 5 mg | ○ |
| 10mmol/L-Y-27632 Solution | SP (For TC) | F | 18190-96 | 100 μ L | ○ |
| | | | 18190-54 | 1.5 mL | |
| Y-27632 | SP (For biochemical research) | F | 08945-71 | 1 mg | — |
| | | | 08945-84 | 5 mg | |
| | | | 08945-42 | 25 mg | |
| Y-27632, Animal-Free | SP (For TC) | F | 18188-04 | 10 mg | ○ |
| Recombinant Proteins | | | | | |
| Albumin, Human, Recombinant expressed in Rice, Animal-Free | SP (For TC) | R | 12880-81 | 1 g | ○ |
| | | | 12880-94 | 5 g | |
| | | | 12880-52 | 25 g | |
| Insulin, Human, Recombinant expressed in Yeast, Animal-Free | SP (For TC) | F | 12878-86 | 50 mg | ○ |
| | | | 12878-44 | 250 mg | |

Media additives

| Product Name | Grade | Storage | Product No. | PKG size | Animal-Free* |
|--|--------------------------|---------|-------------|---------------------------------------|--------------|
| Recombinant Proteins | | | | | |
| Transferrin, Human, Recombinant expressed in Rice, Animal-Free | SP (For TC) | R | 12879-34 | 100 mg | ○ |
| | | | 12879-05 | 500 mg | |
| | | | 12879-21 | 1 g | |
| Recombinant Human LIF | Nacalai USA | R | NU0013-1 | 1 mL(10 ⁶ units/mL) | — |
| | | | NU0013-2 | 1 mL (0.5 X 10 ⁷ units/mL) | |
| Recombinant Mouse LIF | Nacalai USA | R | NU0012-1 | 1 mL(10 ⁶ units/mL) | — |
| | | | NU0012-2 | 1 mL(10 ⁷ units/mL) | |
| Proteins | | | | | |
| <i>apo</i> -Transferrin from Human | SP (For TC) | R | 34401-84 | 100 mg | — |
| | | | 34401-55 | 500 mg | |
| Albumin, Bovine Serum, Low Endotoxin, pH5.2 | BC (Biochemicals Grade) | R | 01861-84 | 10 g | — |
| | | | 01861-97 | 100 g | |
| Albumin, Bovine Serum, Fatty Acid Free, pH7.0 | BC (Biochemicals Grade) | R | 08587-26 | 10 g | — |
| | | | 08587-42 | 25 g | |
| | | | 08587-84 | 50 g | |
| Others | | | | | |
| D-(+)-Glucose, Animal-Free | SP (For TC) | RT | 13057-35 | 500 g | ○ |
| Glutathione(Reduced Form), free acid, Animal-Free | SP (For TC) | R | 13056-61 | 1 g | ○ |
| Hypoxanthine, Animal-Free | SP (For TC) | RT | 13055-71 | 1 g | ○ |
| Sodium Pyruvate, Animal-Free | SP (For TC) | R | 13058-12 | 25 g | ○ |
| Dimethyl Sulfoxide | SP (For TC) | RT | 13408-64 | 5 X 5 mL | ○ |
| Ethanol(99.5) | SP (Biotechnology grade) | RT | 09666-85 | 500 mL | — |
| Sodium Selenite | SP (Biotechnology grade) | RT | 11707-04 | 5 g | — |

Reagents for cell dissociation

Quality control items : pH, Sterility test, Mycoplasma test, Enzyme activity(USP unit)

| Product Name | Phenol Red | Buffer | Grade | Storage | Product No. | PKG size |
|--|------------|---------|-------------|---------|-------------|----------|
| 0.5g/l-Trypsin/0.53mmol/l-EDTA Solution | × | HBSS(-) | SP (For TC) | F | 35553-74 | 100 mL |
| 0.5g/l-Trypsin/0.53mmol/l-EDTA Solution, with Phenol Red | ○ | HBSS(-) | SP (For TC) | F | 32778-34 | 100 mL |
| | | | | | 32778-05 | 500 mL |
| 2.5g/l-Trypsin/1mmol/l-EDTA Solution | × | HBSS(-) | SP (For TC) | F | 35554-64 | 100 mL |
| 2.5g/l-Trypsin/1mmol/l-EDTA Solution, with Phenol Red | ○ | HBSS(-) | SP (For TC) | F | 32777-44 | 100 mL |
| | | | | | 32777-15 | 500 mL |
| 5.0g/l-Trypsin/5.3mmol/l-EDTA Solution | × | HBSS(-) | SP (For TC) | F | 35556-44 | 100 mL |
| 2.5g/l-Trypsin Solution | × | HBSS(-) | SP (For TC) | F | 35555-54 | 100 mL |
| 25g/l-Trypsin Solution | × | Saline | SP (For TC) | F | 18172-94 | 100 mL |
| 0.2g/l-EDTA Solution | × | PBS(-) | SP (For TC) | R | 14367-74 | 100 mL |
| 0.5mmol/l-EDTA/PBS Solution | × | PBS(-) | SP (For TC) | RT | 13567-84 | 100 mL |
| Accutase™ | ○ | PBS(-) | SP (For TC) | F | 12679-54 | 100 mL |
| Accumax™ | × | PBS(-) | SP (For TC) | F | 17087-54 | 100 mL |

Reagents for cell cryopreservation

| Product Name | Grade | Storage | Product No. | PKG size |
|---------------------------------|--|---------|-------------|--------------------|
| Cell Count Reagent SF | SP (Reagents for cell cryopreservation) | R | 07553-15 | 500 tests |
| | | | 07553-44 | 2,500 tests |
| LDH Cytotoxicity Assay Kit | SP (Reagents for cell cryopreservation) | F | 18250-64 | 100 tests |
| | | | 18250-35 | 500 tests |
| MTT Cell Count Kit | SP (Reagents for cell cryopreservation) | F | 23506-80 | 1 kit(1,000 tests) |
| 0.5%-Trypan Blue Stain Solution | SP (Reagents for cell cryopreservation) | RT | 29853-34 | 100 mL |

Reagents for cell cryopreservation

| Product Name | Grade | Storage | Product No. | PKG size |
|----------------------------------|--------------------------|---------|-------------|----------|
| Cell Reservoir One(with DMSO) | SP (For TC) | R | 07485-86 | 10 mL |
| | | | 07485-44 | 100 mL |
| Cell Reservoir One(without DMSO) | SP (For TC) | R | 07579-37 | 10 mL |
| | | | 07579-24 | 100 mL |
| Cell Reservoir One, Vitrify | SP (For TC) | R | 11325-62 | 25 mL |
| Dimethyl Sulfoxide | SP (For TC) | RT | 13408-64 | 5 X 5 mL |
| Acetamide | SP (Biotechnology grade) | A | 11681-34 | 5 g |
| Glycerol | SP (Biotechnology grade) | RT | 09886-05 | 500 mL |
| Propylene Glycol | SP (Biotechnology grade) | RT | 11740-25 | 500 g |

Reagents for apoptosis research

| Product Name | Grade | Storage | Product No. | PKG size |
|--|-----------------------------------|---------|-------------|-----------|
| Annexin V-633 Apoptosis Detection Kit | SP (For fluorescence analysis) | R | 18146-44 | 100 tests |
| Annexin V-FITC Apoptosis Detection Kit | SP (For fluorescence analysis) | R | 15342-54 | 100 tests |
| Actinomycin D Solution(1mg/ml) | SP (For TC) | F | 00393-41 | 1 mL |
| Colcemid Solution(10 μg/ml) | SP (For TC) | R | 09356-74 | 10 mL |
| Mitomycin C Solution(1mg/ml) | SP (For TC) | F | 20898-21 | 1 mL |

Reagents for alkaline phosphatase staining

| Product Name | Grade | Storage | Product No. | PKG size |
|---|--|---------|-------------|-----------|
| BCIP-NBT Solution Kit for Alkaline Phosphatase Stain, Nuclease tested | SP (Reagents for alkaline phosphatase staining) | F | 03937-60 | 1 kit |
| 4%-Paraformaldehyde Phosphate Buffer Solution | SP (For histochemistry research) | R | 09154-14 | 5 X 10 mL |
| | | | 09154-56 | 100 mL |
| | | | 09154-85 | 500 mL |

Antibiotics

| Product Name | Composition | Application | Grade | Storage | Product No. | PKG size |
|---|--|------------------------------|-------------------------------------|---------|-------------|----------|
| Actinomycin D Solution(1mg/ml) | 1 mg/mL | Other | SP (For TC) | F | 00393-41 | 1 mL |
| Antibiotic-Antimycotic Mixed Stock Solution(100x) | Penicillin 10,000 u/mL Streptomycin Potency: 10,000 µg/mL Amphotericin B Potency: 25 µg/mL | Bacteria, Fungi, Yeast | SP (For TC) | F | 02892-54 | 100 mL |
| Antibiotic-Antimycotic Mixed Stock Solution(100x)(Stabilized) | | | SP (For TC) | F | 09366-44 | 100 mL |
| G 418 Disulfate | — | Selection Antibiotics | GR | RT | 16512-36 | 250 mg |
| | | | | | 16512-81 | 1 g |
| | | | | | 16512-94 | 5 g |
| | | | | | 16512-52 | 25 g |
| G 418 Disulfate Aqueous Solution | Potency: 50 mg/mL | Selection Antibiotics | — | R | 16513-84 | 20 mL |
| | | | | | 16513-26 | 100 mL |
| G 418 Disulfate | — | Selection Antibiotics | SP (For TC) | RT | 08973-01 | 1 g |
| | | | | | 08973-14 | 5 g |
| G 418 Disulfate Aqueous Solution | Potency: 50 mg/mL | Selection Antibiotics | SP (For TC) | R | 09380-86 | 20 mL |
| | | | | | 09380-44 | 100 mL |
| Gentamicin Sulfate | — | Bacteria, Mycoplasma | SP (For TC) | R | 08975-81 | 1 g |
| | | | | | 08975-94 | 5 g |
| Gentamicin Sulfate Solution(10mg/ml) | Potency: 10 mg/mL | Bacteria, Mycoplasma | SP (For TC) | R | 16672-04 | 10 mL |
| Gentamicin Sulfate Solution(50mg/ml) | Potency: 50 mg/mL | | SP (For TC) | R | 11980-14 | 10 mL |
| Hygromycin B | — | Selection Antibiotics | SP (For biochemical research) | R | 07296-66 | 100 mg |
| | | | | | 07296-11 | 1 g |
| | | | | | 07296-24 | 5 g |
| Hygromycin B Solution | Potency: 50 mg/mL | Selection Antibiotics | SP (For TC) | R | 09287-84 | 20 mL |
| Kanamycin Monosulfate | — | Bacteria, Mycoplasma | SP (For TC) | RT | 08976-71 | 1 g |
| | | | | | 08976-84 | 5 g |
| Kanamycin Sulfate Solution(50mg/ml) | Potency: 50 mg/mL | Bacteria, Mycoplasma | SP (For TC) | R | 11981-04 | 20 mL |
| Mitomycin C Solution(1mg/ml) | 1 mg/mL | Other | SP (For TC) | F | 20898-21 | 1 mL |
| Penicillin-Streptomycin Mixed Solution | Penicillin 10,000 u/mL Streptomycin Potency: 10,000 µg/mL | Bacteria | SP (For TC) | F | 26253-84 | 100 mL |
| Penicillin-Streptomycin Mixed Solution (Stabilized) | | | SP (For TC) | F | 09367-34 | 100 mL |
| Penicillin-Streptomycin Mixed Solution | | | SP (For TC) | F | 26252-94 | 100 mL |
| Penicillin-Streptomycin-Glutamine Mixed Solution | | | SP (For TC) | F | 06168-34 | 100 mL |

Custom cell culture media

Nacalai Tesque has many years of experience in manufacturing media, and we offer custom service for cell culture media according to your personal requirements.

FAQ

Q1. What is custom media?

A1. Product made to order for certain customers.

We will manufacture the media with specified contents such as composition, preparation method, material specification, quality.

In addition, it is also possible to modify existing products by changing composition or specifications.

Q2. Can you set an expiration date?

A2. No, we can not.

In general, the expiration date is set when it is confirmed that there is no change in quality for each test item after a certain period of time has elapsed.

For custom items, it is not possible to set the expiration date because we have not tested the change over time.

If necessary, we can print the production date on the label.

Q3. What kind of inspections are carried out?

A3. If not specified in particular, the inspection of the media will be conducted by standard items (pH, osmotic pressure, sterility test, endotoxin test, mycoplasma test). Please contact us if you have any requires of inspection items.

In addition, it is also possible to issue certificate of analysis based on inspection at the time of preparation. In that case, please specify standard value of inspection item (however, depending on the content, it may be unable to issue certificate of analysis).

Q4. How to place an order?

A4. 5 steps to delivery



Q5. What is the minimum order quantity for liquid media?

A5. • 500 mL : Available from 1 bottle. • Maximum volume for 1 lot is 1,000 L.

Q6. Can powder media also be produced?

A6. Normally, we provide in liquid form. Powdered media is also possible, but it may not be allowed depending on the ingredients (high hygroscopicity, high viscosity, dangerous ingredients, trace amount, etc.).

Production example

We have manufactured many kinds of custom media. Below are some examples.

- DMEM without Amino Acids(double concentration)
- DMEM without Choline Chloride, Methionine
- DMEM without Calcium Chloride, Magnesium Sulfate
- DMEM/F-12 without Linoleic Acid
- RPMI 1640: custom NaCl concentration
- RPMI 1640 without vitamins, and concentrates of each vitamin

Quotation request

For inquiries / quotations for custom culture media, please visit our web site http://www.nacalai.co.jp/global/reagent/custom/Custom_Services.html and fill out request form.

For research use only, not intended for diagnostic or drug use.

