

## Product Information

### DMEM/Ham's F-12, w/o L- Glutamine, with 15mM HEPES

Catalogue Number: GBDMH01 / 01F

## Product Specification

|                      |                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------|
| Appearance           | : Red Colored, Clear solution                                                                      |
| pH                   | : 7.00 -7.60                                                                                       |
| Storage & Shelf Life | : Store at +2°C to +8°C protected from light. Once opened, store at 4° C and use within 6-8 weeks. |
| Shipping Conditions  | : Ambient                                                                                          |

## Formulation

| Components               | Concentration mg/L | Components             | Concentration mg/L |
|--------------------------|--------------------|------------------------|--------------------|
| <b>Vitamins:</b>         |                    | Linoleic Acid          | 0.042              |
| D-Biotin                 | 0.0035             | Lipoic Acid            | 0.105              |
| Choline chloride         | 8.98               | Phenol Red Sodium Salt | 8.63               |
| D-Calcium Pantothenate   | 2.24               | Putrescine 2 HCl       | 0.081              |
| Folic Acid               | 2.66               | Sodium Pyruvate        | 55.00              |
| myo-Inositol             | 12.60              | Thymidine              | 0.365              |
| Nicotinamide             | 2.02               | <b>Amino Acids:</b>    |                    |
| Pyridoxal HCl            | 2.00               | Glycine                | 18.75              |
| Pyridoxine HCl           | 0.031              | L-Alanine              | 4.45               |
| Riboflavin               | 0.219              | L-Arginine HCl         | 147.50             |
| Thiamine HCl             | 2.17               | L-Asparagine H2O       | 7.50               |
| Vitamin B12              | 0.68               | L-Aspartic Acid        | 6.65               |
| <b>Inorganic Salts:</b>  |                    | L-Cysteine HCl H2O     | 17.56              |
| CaCl2 2H2O               | 154.50             | L-Cystine 2 HCl        | 31.29              |
| CuSO4 5H2O               | 0.0013             | L-Glutamic Acid        | 7.35               |
| Fe(NO3)3 9H2O            | 0.05               | L-Histidine HCl H2O    | 31.48              |
| FeSO4 7 H2O              | 0.417              | L-Isoleucine           | 54.47              |
| KCl                      | 311.80             | L-Leucine              | 59.05              |
| MgCl2 6 H2O              | 61.20              | L-Lysine HCl           | 91.25              |
| MgSO4                    | 48.84              | L-Methionine           | 17.24              |
| NaCl                     | 6996.00            | L-Phenylalanine        | 35.48              |
| NaHCO3                   | 1200.00            | L-Proline              | 17.25              |
| Na2HPO4                  | 71.02              | L-Serine               | 26.25              |
| NaH2PO4                  | 54.30              | L-Threonine            | 53.45              |
| ZnSO4 7 H2O              | 0.432              | L-Tryptophan           | 9.02               |
| <b>Other Components:</b> |                    | L-Tyrosine 2 Na 2H2O   | 55.79              |
| D-Glucose                | 3151.00            | L-Valine               | 52.85              |
| HEPES                    | 3574.50            |                        |                    |
| Hypoxanthine             | 2.40               |                        |                    |

This product is for research use only.

## Need help?

If you have any further queries, please feel free to email our cell culture specialists at [info@genexisbiotech.com](mailto:info@genexisbiotech.com)

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