



## **F-12 Ham's Nutrient Mixture (Ham's F-12) with L-glutamine, 25 mM HEPES**

Catalog Number: 09321

### **Product Description**

Ham's Nutrient Mixtures were originally developed to support the clonal growth of Chinese Hamster Ovary (CHO) cells as well as HeLa and mouse L-cells. Ham's F-12 has been used for the growth of primary rat hepatocytes and rat prostate epithelial cells. A clonal toxicity assay using CHO cells has also been reported with Ham's F-12 as the medium of choice. Ham's F-12 with 25 mM HEPES provides more effective buffering condition in the optimum pH range of 7.2-7.4. Ham's F-12 with L-glutamine and 25 mM HEPES is well suited for supporting the growth of a broad range of mammalian cell lines.

### **Product Use**

Ham's F-12 with L-glutamine and 25 mM HEPES is for research use only. It is not approved for human or animal use, or for application in *in vitro* diagnostic procedures.

### **Storage**

Store at 2-8°C. Protect from light.

### **Shipping**

Gel ice.

### **Prepare for use**

Ham's F-12 with L-glutamine and 25 mM HEPES is ready for use in a sterile field. Since several components of this medium are light-labile, it is recommended that the medium not be exposed to light for lengthy periods of time. If the medium is warmed prior to use, do not exceed 37°C.

*Caution: If handled improperly, some components of the medium may present a health hazard. Take appropriate precautions when handling it, including the wearing of protective clothing and eyewear. Dispose of properly.*