

Alphabioregen

Product Name: Nutrient Mixture Ham's F-12 w/o L-Proline

Catalog No: PG130

Product Format: Liquid

Storage: 4°C



General Information: Ham's Nutrient Mixtures were originally developed to support clonal growth of several clones of Chinese hamster ovary (CHO) cells, as well as clones of HeLa and mouse L-cells. Both mixtures were formulated for use with or without serum supplementation, depending on the cell type being cultured. Ham's F-10 has been shown to support the growth of human diploid cells, white blood cells for chromosomal analysis, primary explants of rat, rabbit and chicken tissues. Ham's F-12 has been used for the growth of primary rat hepatocytes and rat prostate epithelial cells. May be used in combination with hormones and transferrin. For optimum buffering, use in a 5% CO₂ atmosphere.

The medium is for research use only and not approved for human or animal use or for application in any in vitro diagnostic procedure. Storage of the medium and supplements Please note that the basal medium has to be stored at 4°C up to 8°C but never should be frozen. The supplement has to be stored at -20°C. Protect from light for a longer time period.

Preparing and Stability:

Thaw the supplement mixture at 37°C before adding to the basal medium. After thawing please rinse the bottle and the tube with 70% ethanol as protection. Remove ethanol excess before opening the cap of the tube. After adding the supplement mixture to the basal medium slew carefully to get a homogenous medium. Please be careful not to touch the tube or bottle interior threads with your fingers. Please avoid long term exposure to

light because some components are light sensitive. Also do not warm up the medium over 37°C. All this protects your medium against contamination or degradation of essential components.