

# Modified Ham's F-10 Basal Media

Modified Ham's F-10 Basal Media are intended for use in assisted reproductive procedures which include gamete and embryo manipulation. These procedures include the use of complete Modified Ham's F-10 as a culture medium through day 3 of development.

Supplementation with additional components (sodium lactate, sodium pyruvate, glutamine and gentamicin) are required prior to use.

The composition of the complete medium is a modification of the classical tissue culture Ham's F-10 formulation. This is a complex medium of inorganic salts, amino acids and vitamins.

Modified Ham's F-10 Basal (catalog #99175) has been specifically formulated without hypoxanthine, and with Sodium Bicarbonate for use in a CO<sub>2</sub> incubator.

Modified Ham's F-10 - HEPES (catalog #99168) has been specifically formulated without hypoxanthine, and with HEPES for buffering at ambient atmosphere.

## Modified Ham's F-10 Basal Medium, Catalog# 99175

- Liquid, basal medium
- With 25 mM bicarbonate
- With phenol red
- Without protein
- Without antibiotics
- Without hypoxanthine

## Modified Hams F-10 Basal Medium HEPES, Catalog #99168

- Liquid, basal medium
- With 25 mM bicarbonate
- With 20 mM HEPES buffer
- With phenol red
- Without protein
- Without antibiotics
- Without hypoxanthine

## Features and Benefits

- Chemicals used in Irvine Scientific's reproductive products meet USP and ACS standards, where available.
- All are membrane filtered and aseptically processed according to manufacturing procedures which have been validated to meet a sterility assurance level (SAL) of 10<sup>-3</sup>.
- Formulated with Irvine Scientific WFI Grade water
- Shelf life: 18 months from Date of Manufacture
- Store at 2-8°C

Each lot of Ham's F-10 Basal media receives a complete laboratory evaluation including mouse embryo testing, endotoxin level, pH, osmolality and sterility testing. All results are provided in a lot-specific Certificate of Analysis.

Irvine Scientific's commitment to excellence is demonstrated by our products' performance and adherence to the industry's highest quality standards. We were one of the first companies in the USA to receive ISO 13485:2003 quality systems certification, the new rigorous international quality assurance standard designed specifically for Medical Devices.

Always refer to product insert for complete instructions for use. For more information on all of our Reproductive Products, call 1 (800) 437 5706.

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CATALOG #99175 & 99168 Rev.2

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