

Chick Embryo Extract, Ultrafiltrate Reagent

Chick Embryo Extract, Ultrafiltrate (CEE)

CATALOG #
AAA14749

HOST
Chicken

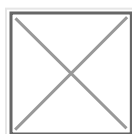
PRODUCT SYNONYMS

Chick Embryo Extract; Ultrafiltrate; Ultrafiltrate (CEE); Ultrafiltrate reagent

PRODUCT SPECIFICATIONS

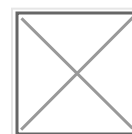
Host	Chicken
Purity/Purification	Molecular Biology Grade
Application Notes	Recommended Dilution: 1ml of extract/100ml of media
Appearance	Pale-yellow, clear, solution
pH	7.3
Total Protein (Biuret)	0.0g/dL
Sterility (per 9CFR 113.26)	Negative
Mycoplasma (per 9CFR 113.26)	Negative
Osmolality	299mOsm/Kg H ₂ O
Microbial Testing	Pullorum typhoid (Negative) Galisepticum (Negative) M. synoviae (Negative) M. meleagridis (Negative)
Preparation and Storage	Chick Embryo Extract, Ultrafiltrate is protein-free; thus, it will not break down. May be stored at RT. Stable for 12 months. Storage at 4 degree C extends the stability for an additional 3-6 months. Some precipitate has been observed when frozen.

IMAGES



Application Data

Ref. 3: Isolation, culture and immunocytochemical characterization of HUCPC. The dissection under sterile condition of foetal and full-term cords was performed to expose the WJ, the vein and arteries (A). After the in vitro expansion of foetal HUCPC (B) the cells ..



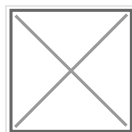
Application Data

Ref. 2: Immunostaining of cells with anti-NeuN and anti-GFAP showing the neural-specific differentiation of MSCs. Anti-NeuN and anti-GFAP stain nuclei and cytoplasm, respectively. While many cells cultured under three-dimensional conditions (collagen (b), collagen–FN:

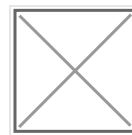


Application Data

Ref. 1: Nascent C2C12 skeletal myotubes on collagen patterns. (A) Patterns of collagen-coated rectangles, 20 μm wide and 200-1000 μm long, surrounded by interpenetrating polymer network (IPN). Even after 14 days of incubation with fluorescent collagen, the IPN shows no significant adsorption based on intensity. In addition, when measured by AFM, the apparent elastic modulus of the IPN is approximately half that of the collagen-coated glass. Scale bar, 200 μm . (B) Myoblasts plated onto the patterned coverslips were either stained for vinculin (and imaged by TIRF for clarity) or triple-stained for actin (red) myosin (green) and nuclei (blue). The cells invariably fuse to form multinucleated myotubes. The arrow points to the vinculin clustered at the edges of the patterned myotube, indicative of classical focal adhesion structures. The actin and myosin images show no striations and are of the same nascent myotube at day 6. Bars: in A 200 μm ; in B 10 μm .



Application Data
Background



Application Data
Gen. Reference 9

ADDITIONAL INFORMATION

Related Product Information for Chick Embryo Extract, Ultrafiltrate reagent

Chick Embryo Extract, Ultrafiltrate is used as a supplement in some growth media formulations. It is prepared by blending 11-14 day old chick embryos in a balanced salt solution (3X embryo volume). The solution undergoes centrifugation to remove larger particles and debris. The supernatant is subjected to an ultrafiltration step with a 10kD MW cutoff to remove protein from the solution, producing a clear, amber liquid. This liquid is sterile-filtered.

Manufactured at an ISO9000 facility. Animals are sourced from a specific USDA-Registered facility using a veterinary-inspected flock. Chick Embryo Extract, Ultrafiltrate is protein free. It does not support the growth of viruses.

Product Categories/Family for Chick Embryo Extract, Ultrafiltrate reagent

[Culture Media](#); [Media-Ingredients](#)

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/chicken-reagent/chick-embryo-extract-ultrafiltrate/14749>