

Certificate of Analysis

Product Name: Mouse EPOC Growth Medium

Catalog Number: Z7030033

Shipping Condition: Dry ice for Mouse EPOC growth medium supplement, blue ice for Mouse EPOC basal medium.

Storage Condition: The EPOC basal medium is stored at 2 - 8°C. A change in color or appearance of precipitate may indicate deterioration.

The Mouse EPOC growth medium supplement is stored at -20°C. If taking aliquots from the original bottle is necessary, dispense the contents and re-freeze in small aliquots to avoid repeated freezing-thawing cycles.

Shelf Life: Mouse EPOC basal medium: 6 months from the date of receipt under proper storage condition. Mouse EPOC growth medium supplement: At least 1 year from the date of receipt under proper storage condition.

Description

BioChain's Mouse EPOC growth medium was designed and tested for our Mouse endothelium progenitor Outgrowth cells (mEPOC). This medium includes two components: Mouse EPOC basal medium (Cat# Z7030034) and Mouse EPOC growth medium supplement (Cat# Z7030035). The Mouse EPOC growth medium supplement includes fetal bovine serum and recombinant growth factors, and some lot-to-lot variability is unavoidable.

Each lot of this product is tested in cell culture to ensure its sterility. This product does not contain antibiotics.

Use of EPC Growth Medium for Culturing EPOC:

- 1) Thaw the supplement and add the entire volume (25 ml) to the basal medium (500 ml). Antibiotics may also be added if contamination is a concern.
- 2) Take the amount of EPOC growth medium needed and warm to 37°C in a water bath or incubator. Avoid frequent temperature change to the entire bottle of medium. The Mouse EPC growth medium is stable for at least 1 month stored at 2 -8°C.
- 3) Refer to BioChain's Mouse EPOC User's Manual for EPOC culture procedures using the Mouse EPOC growth medium. We recommend changing medium every 2 days for regular cell culture.

**THIS PRODUCT IS FOR RESEARCH USE ONLY
NOT FOR DIAGNOSTIC OR THERAPEUTIC APPLICATIONS**