

## Certificate of Analysis

**Product Name:** EPOC Growth Medium

**Catalog Number:** Z7030003

**Shipping Condition:** Dry ice for EPOC growth medium supplement, blue ice for 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 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:** EPOC basal medium: 6 months from the date of receipt under proper storage condition. EPOC growth medium supplement: At least 1 year from the date of receipt under proper storage condition.

### Description

BioChain's EPC growth medium was designed and tested for our human endothelium progenitor Outgrowth cells (EPOC). This medium includes two components: EPOC basal medium (Cat# Z7030004) and EPOC growth medium supplement (Cat# Z7030005). The EPC growth medium supplement includes fetal bovine serum and human 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 EPOC 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 EPOC growth medium is stable for at least 1 month stored at 2 -8°C.
- 3) Refer to BioChain's EPOC User's Manual for EPOC culture procedures using the 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**