

# Human Fetal Brain Lysate

**Cat. No.** Fetal Brain-130H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

**Species** Human

**Source** Fetal Human Brain

**Concentration** 2 mg/mL or better

**Tissue Type** Brain

**Shipping** Dry ice

### Preparation method

Fetal human brain tissue lysate was prepared by homogenization using a proprietary technique. The tissue was frozen in liquid nitrogen immediately after excision and then stored at -70°C. The fetal human brain tissue total protein is provided in a buffer including HEPES (pH7.9), MgCl<sub>2</sub>, KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, NP-40, and a cocktail of protease inhibitors. For quality control purposes, the brain tissue pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The brain tissue is then Western analyzed by either GAPDH or  $\beta$ -actin antibody, and the expression level is consistent with each lot.

**Diagnosis** Normal

**Storage Buffer** HEPES pH 7.9, MgCl<sub>2</sub>, KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, and

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NP-40.

**Storage Instruction**

Store at 2-8°C for continuous use. For extended storage, freeze working aliquots at -70°C. Repeated freezing and thawing is not recommended. Under proper storage conditions the shelf life is half a year from the date of receipt.

**Applications**

Fetal Brain lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel.

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