

## Bovine Heart Lysate

Cat. No. Heart-211B Lot. No. (See product label)

### SPECIFICATION

**Species** Bovine

**Source** Bovine Heart

**Concentration** 2 mg/mL or better

**Tissue Type** Heart

**Shipping** Dry ice

**Preparation method** Bovine heart 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 bovine heart tissue total protein is provided in a buffer including HEPES (pH 7.9), MgCl<sub>2</sub>, KCl, EDTA, Sucrose, Glycerol, Sodium deoxycholate, NP-40, and a cocktail of protease inhibitors. For quality control purposes, the heart tissue pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The heart 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 NP-40.

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**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**

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

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