

# Human Spleen Lupus Lysate

**Cat. No.** Spleen-467H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>            | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>             | Human Spleen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Concentration</b>      | 2 mg/mL or better                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Tissue Type</b>        | Spleen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Shipping</b>           | Dry ice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Preparation method</b> | Human spleen 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 human spleen 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 spleen tissue pattern on SDS-PAGE gel is shown to be consistent for each lot by visualization with coomassie blue staining. The spleen tissue is then Western analyzed by either GAPDH or $\beta$ -actin antibody, and the expression level is consistent with each lot. |
| <b>Diagnosis</b>          | Diseased                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage Buffer</b>     | 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**

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

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