Human Liver Microsome Extract

Product Specifications

<table>
<thead>
<tr>
<th>Catalog Number:</th>
<th>LYT-HM100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source:</td>
<td>Pooled human liver samples</td>
</tr>
<tr>
<td>Application:</td>
<td>WB Control 20 μg/Lane recommended</td>
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<tr>
<td>Concentration:</td>
<td>2.0 mg/mL</td>
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<tr>
<td>Format:</td>
<td>SDS-PAGE Sample Buffer (40 mM Tris-HCl, pH 8.8, 1% SDS, 50 mM DTT, 7.5% glycerol, 0.003% bromophenol blue)</td>
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<tr>
<td>Storage:</td>
<td>-70°C</td>
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</tbody>
</table>

Related Products:

- SPP-732: HO-1 (Hsp32) Recombinant Human Protein
- LYT-RM100: Rat Liver Microsome Extract
- LYT-MM100: Mouse Liver Microsome Extract
- SAB-301: Goat anti-Rabbit IgG Polyclonal Antibody, AP Conjugate
- EKS-800: HO-1 (Human) ELISA Kit
- SPA-894: HO-1 (Hsp32) Polyclonal Antibody

Production Method:

The tissue extract was adjusted to 2mg/mL in SDS PAGE sample buffer (40 mM Tris-HCl pH 8.8, 1% SDS, 50 mM DTT, 7.5% glycerol, 0.003% bromophenol blue) and heated for 10 min at 70°C.

Background:

Liver microsomes are subcellular particles derived from the endoplasmic reticulum of hepatic cells. Microsomes are a rich source of heme-containing metabolic enzymes, including heme-oxygenases and cytochrome P450 (CYP) enzymes, and are commonly used in the study of xenobiotic drug metabolism. This microsome preparation consists of microsomes pooled from various human donors of mixed genders.

References:


Generally reagents are good for one year from the date of receipt, except for conjugates which are good for six months and reagents with an expiration date indicated on the label or other supporting document.

FOR RESEARCH USE ONLY; NOT FOR THERAPEUTIC OR DIAGNOSTIC USE

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