

## MDA-MB-361 Whole Cell Lysate

**Cat. No.** MDA-MB-361-170H    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>            | Human                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>               | The lysate was boiled for 5 min in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% $\beta$ -mercaptoethanol.                                                                                                                                                                                                                                                      |
| <b>Concentration</b>      | 2.0 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cell line</b>          | MDA-MB-361 (Human Breast Adenocarcinoma)                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Growth media</b>       | DMEM/Hams F12 & 10% NCS (Newborn Calf Serum)                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Preparation method</b> | MDA-MB-361 lysate was prepared by homogenization in modified RIPA buffer (150 mM sodium chloride, 50 mM Tris-HCl, pH 7.4, 1 mM ethylenediaminetetraacetic acid, 1 mM phenylmethylsulfonyl fluoride, 1% Triton X-100, 1% sodium deoxycholic acid, 0.1% sodium dodecylsulfate, 5 $\mu$ g/ml of aprotinin, 5 $\mu$ g/ml of leupeptin). Cell debris was removed by centrifugation. Protein concentration was determined with Bio-Rad protein assay. |
| <b>Expiration Date</b>    | One year from date of receipt                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Size</b>               | 0.1 mg, 0.5 mg                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|----------------------------|--------------------------------------------------------------------------------------------------|
| <b>Storage Instruction</b> | This whole cell lysate is stable for three months at -20°C                                       |
| <b>Applications</b>        | This lysate is for use in Western blotting, 10 µg to 20 µg per lane is recommended for mini gel. |

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