

# Human Thyroid Tumor Tissue Lysate

**Cat. No.** Thyroid-72H    **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>      | 0.2 mg/ml                                                                                                                                                                                                                                                                                        |
| <b>Tissue Type</b>        | Thyroid                                                                                                                                                                                                                                                                                          |
| <b>Preparation method</b> | Thyroid tumor tissue lysate was prepared by homogenization in lysis buffer (10 mM HEPES pH7.9, 1.5 mM MgCl <sub>2</sub> , 10 mM KCl, 1 mM ethylenediaminetetraacetic acid, 10% glycerol, 1% NP-40, and a cocktail of protease inhibitors). Tissue and cell debris was removed by centrifugation. |
| <b>Safety Testing</b>     | This material has been tested by accepted techniques and has been found to be negative for HBsAg, HIV 1/2, and HCV. Additional patient information may be available upon request.                                                                                                                |
| <b>Diagnosis</b>          | Tumor                                                                                                                                                                                                                                                                                            |
| <b>Expiration Date</b>    | One year from date of receipt                                                                                                                                                                                                                                                                    |

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|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Size</b>                | 0.1 mg, 0.5 mg                                                                                                                                                                                                               |
| <b>Storage Instruction</b> | This lysate should be aliquoted in working amounts and may be stored for up to one month at -20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. For longer term storage, freeze working aliquots at -70°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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