

Product datasheet

Human breast tissue lysate (ductal carcinoma) - insoluble fraction (female, 36 years) ab43341

Overview

Product name	Human breast tissue lysate (ductal carcinoma) - insoluble fraction (female, 36 years)
General notes	<p>Tissue: Breast Location: Right breast. Diagnosis: Invasive ductal carcinoma. Stage: IIB T₂N₁M₀ Grade: II Gross findings: Tumor size 4 x 4 x 3 cm. Cut section hard and white/gray. Ipsilateral axillary lymph nodes examined: 7 Microscopic findings: Cancer in surgical margin of section: Negative Multifocal carcinoma: Negative Pectoral muscular/facia invasion: Negative Chest wall invasion: Negative Breast skin dermal invasion only: Negative Skin invasion with ulceration: Negative Dermal lymphatic channel invasion: Negative Lymphatic and/or blood vessel invasion: Negative Tumor necrosis: Positive Number of nodes positive: 4/7 Tubule formation: 3 Nuclear pleomorphism: 3 Mitotic activity: 1 Lymphocytic response: Positive</p> <p>This product belongs to a range of individual sets of lysates that were extracted from very specific tissues and are gender-, cancer subtype-, tumor grade- and cellular morphology-specific. They allow for consistency, reproducibility, and comparative studies from experiment to experiment, due to the existence of specific (matched) lysates that can be used as controls. Two extractions from each tissue were performed, extraction 1 yielding the soluble protein fraction and extraction 2 the insoluble protein fraction. Please find below a range of products that relate to ab43341: Extraction 1: soluble protein fraction ab43339 Human Breast Tumor Tissue lysate ab43338 Human Breast Normal Tissue lysate (matched) Extraction 2: insoluble protein fraction ab43341 Human Breast Tumor Tissue lysate ab43340 Human Breast Normal Tissue lysate (matched)</p>

Properties

Form	Liquid
Storage instructions	Shipped on Dry Ice. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.40</p> <p>Constituents: PBS, 15.22% Thiourea, 30.03% Urea, 0.1% SDS, 0.77% DTT</p>
Purification notes	Tissue specimens are homogenized in modified RIPA buffer to obtain the soluble proteins, and centrifuged to clarify. The pellet was further extracted with a second buffer to obtain the less soluble protein fraction. The lysate solution may appear turbid at cold temperatures due to insolubility of buffer components. The solution should clear upon warming to room temperature.

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