

Product datasheet

Human stomach tissue lysate (adenocarcinoma) - soluble fraction (female, 38 years) ab44400

Overview

Product name	Human stomach tissue lysate (adenocarcinoma) - soluble fraction (female, 38 years)
General notes	<p>Tissue: Stomach Location: Pylorus region. Diagnosis: Adenocarcinoma. Well differentiated. Stage: n/a Grade: n/a Sex: Female Age: 38 years Gross findings: Hard, thick, ulcerated, vegetated lesion, located at the pylorus. Tumor measures 2 cm x 2.5 cm in diameter. Cut-section is hard, ivory white. Microscopic findings: Biopsy shows malignant columnar cells arranged in glands. The malignant cells have clear cytoplasm with vacuoles. Nuclei have irregular nuclear membranes, cytoplasm is granular, or vacuolated with large nucleoli. Many monstrous nuclei. The malignant cells have invaded the gastric wall.</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 ab44400: Extraction 1: soluble protein fraction ab44400 Human Stomach Tumor Tissue lysate ab44399 Human Stomach Normal Tissue lysate (matched) Extraction 2: insoluble protein fraction ab44402 Human Stomach Tumor Tissue lysate ab44401 Human Stomach 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, 0.0001% Pepstatin A, 0.018% Sodium orthovanadate, 0.004% Sodium fluoride, 0.0001% Aprotinin, 0.0001% Leupeptin, 0.25% Sodium deoxycholate, 0.017% PMSF, 0.1% SDS, 0.029% EDTA</p>
Purification notes	Tissue specimens are homogenized in modified RIPA buffer to obtain the soluble proteins, and centrifuged to clarify. 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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