

Product datasheet

Human stomach tissue lysate (adenocarcinoma) - soluble fraction (male, 54 years) ab44297

Overview

Product name	Human stomach tissue lysate (adenocarcinoma) - soluble fraction (male, 54 years)
General notes	<p>Tissue: Stomach Location: Lesser curvature Diagnosis: Adenocarcinoma, poorly differentiated Stage: IIIA T₃N₁M₀ Grade: n/a Sex: Male Age: 54 years Gross findings: Ulcerative lesion, ill demarcated. Tumor measures 4cm x 5cm x 5cm in diameter. Cut section is firm and white. Paragastric lymph nodes: 4. Microscopic findings: Tissue sections show proliferation of malignant cells. The epithelial cells have small, basophilic irregular nuclei with abundant cytoplasm. Cytoplasm contains much mucin. Nuclear chromatin is coarse with prominent nuclei. Mitotic figures are not evident. The neoplastic cells invade the smooth muscle propria. The stroma is infiltrated by small numbers of lymphocytes, plasma cells, eosinophils and neutrophils. Blood vessel invasions are not revealed. Lymph nodes show metastases. Soluble protein fraction</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 ab44297: Extraction 1: soluble protein fraction ab44297 Human Stomach Tumor Tissue lysate ab44296 Human Stomach Normal Tissue lysate (matched) Extraction 2: insoluble protein fraction ab44299 Human Stomach Tumor Tissue lysate ab44298 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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