

Product datasheet

Human stomach tissue lysate (adenocarcinoma) - insoluble fraction (female, 58 years) ab44381

Overview

Product name	Human stomach tissue lysate (adenocarcinoma) - insoluble fraction (female, 58 years)
General notes	<p>Location: Not recorded Diagnosis: Adenocarcinoma, poorly differentiated Stage: II T₃N₀M₀ Grade: n/a Gross findings: Ulcerative lesion, ill demarcated. Tumor size 3cm x 4cm x 4cm in diameter. Cut section firm and white. Paragastric lymph nodes: 0. Microscopic findings: Tissue sections show ulcerative lesion of mucosa. Mitotic figures are not evident. The epithelial cells have small irregular basophilic nuclei and abundant cytoplasm. Cytoplasm contains much mucin. Nuclear chromatin is coarse with prominent nuclei. The neoplastic cells invade the smooth muscle propria and subserosa. The stroma is infiltrated by numerous lymphocytes, plasma cells, eosinophils and neutrophils.</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 ab44381: Extraction 1: soluble protein fraction ab44379 Human Stomach Tumor Tissue lysate ab44378 Human Stomach Normal Tissue lysate (matched) Extraction 2: insoluble protein fraction ab44381 Human Stomach Tumor Tissue lysate ab44380 Human Stomach Normal Tissue lysate (matched)</p>

Properties

Form	Liquid
Storage instructions	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Constituents: PBS, 15.22% Thiourea, 30.03% Urea, 0.1% SDS, 0.77% DTT
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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