

Product datasheet

Human stomach tissue lysate (adenocarcinoma) - insoluble fraction (male, 54 years) ab44509

Overview

Product name	Human stomach tissue lysate (adenocarcinoma) - insoluble fraction (male, 54 years)
General notes	<p>Tissue: Stomach Location: Antrum Diagnosis: Adenocarcinoma, well differentiated. Stage: IIIA, T₃N₁M₀ Grade: n/a Sex Male Age: 54 years Gross findings: Ulcerative lesion located at the antrum, ill demarcated. Tumor measures 4 cm in diameter. Cut section is firm and white. Paragastric lymph nodes: 4. Microscopic findings: Tissue sections show proliferation of glandular cells. Mitotic figures are evident. The neoplastic cells have coarse, irregular nuclei and scanty cytoplasm. The tumor cells form groups and glands and invade the muscularis propria, subserosa and serosa. Lymph nodes show 2 of 4 positive. Insoluble 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 ab44509: Extraction 1: soluble protein fraction ab44506 Human Stomach Tumor Tissue lysate ab44505 Human Stomach Normal Tissue lysate (matched) Extraction 2: insoluble protein fraction ab44509 Human Stomach Tumor Tissue lysate ab44507 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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