

Product datasheet

Human colon tissue lysate (adenocarcinoma) - soluble fraction (female, 69 years) ab44222

Overview

Product name	Human colon tissue lysate (adenocarcinoma) - soluble fraction (female, 69 years)
General notes	<p>Tissue: Colon Location: Transverse colon Diagnosis: Villous Adenocarcinoma, well differentiated Stage: IV Grade: Not recorded Sex: Female Age: 69 years Gross findings: Tumor size 6 x 5 cm. Cut section is soft, white. Microscopic findings: Tissue sections show malignant columnar cells arranged in glands. The malignant cells have clear cytoplasm with vacuoles. Many irregular and monstrous nuclei. The malignant cells have invaded into the colon wall. 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 ab44222: Extraction 1: soluble protein fraction ab44222 Human Colon Tumor Tissue lysate ab44221 Human Colon Normal Tissue lysate (matched) Extraction 2: insoluble protein fraction ab44224 Human Colon Tumor Tissue lysate ab44223 Human Colon 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	<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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