

Product datasheet

Human colon tissue lysate (adenocarcinoma) - insoluble fraction (female, 57 years) ab44172

Overview

Product name	Human colon tissue lysate (adenocarcinoma) - insoluble fraction (female, 57 years)
General notes	<p>Tissue: Colon Location: Descending colon. Diagnosis: Adenocarcinoma, well differentiated. Stage: T₂N₀M₀ Grade: II Sex: Female Age: 57 years Macroscopic Appearance: Organ: Colon Size: 4 x 5 cm. Color: Red-dark. Consistency: Hard Cut surface White-yellow Characteristics +/- Encapsulated: - Invaded: + Hemorrhagic: + Cystic degeneration: - Calcification: - 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 ab44172: Extraction 1: soluble protein fraction ab44170 Human colon tumor tissue lysate ab44169 Human colon normal tissue lysate (matched) Extraction 2: insoluble protein fraction ab44172 Human colon tumor tissue lysate ab44171 Human colon 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	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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