

Product datasheet

Human bladder tissue lysate (squamous cell carcinoma) - insoluble fraction (male, 54 years)
ab44668

Overview

Product name	Human bladder tissue lysate (squamous cell carcinoma) - insoluble fraction (male, 54 years)
General notes	<p>Tissue: Urinary bladder Location: Right wall of bladder, at 8 o'clock Diagnosis: Squamous cell carcinoma, poorly differentiated Stage: II T₂N₁M₀ Grade: III Sex: Male Age: 54 years Gross findings: Invasive tumor with calcified superficial layer, size 40 x 45m. Cut section firm and white/gray. Hemorrhagic. 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 ab44668: Extraction 1: soluble protein fraction ab44666 Human Bladder Tumor Tissue lysate ab44665 Human Bladder Normal Tissue lysate (matched) Extraction 2: insoluble protein fraction ab44668 Human Bladder Tumor Tissue lysate ab44667 Human Bladder 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, 15.22% Thiourea, 30.03% Urea, 0.1% SDS, 0.77% DTT</p>
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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