

Product datasheet

Human thyroid tissue lysate (medullary carcinoma) - insoluble fraction (female, 21 years) ab44911

Overview

Product name	Human thyroid tissue lysate (medullary carcinoma) - insoluble fraction (female, 21 years)
General notes	<p>Tissue: Thyroid Location: Right lobe. Diagnosis: Medullary carcinoma. Stage: III Grade: 2 Sex: Female Age: 21 years Gross findings: Tumor size 4 cm. Cut section firm, brown, homogeneous, invasive. Moderately differentiated.</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 ab44911: Extraction 1: soluble protein fraction ab44906 Human thyroid tumor tissue lysate ab44904 Human thyroid normal tissue lysate (matched) Extraction 2: insoluble protein fraction ab44911 Human thyroid tumor tissue lysate ab44909 Human thyroid 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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