

## Product datasheet

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

### Overview

<b>Product name</b>	Human thyroid tissue lysate (medullary carcinoma) - insoluble fraction (female, 21 years)
<b>General notes</b>	<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 <a href="#">ab44906</a> Human thyroid tumor tissue lysate <a href="#">ab44904</a> Human thyroid normal tissue lysate (matched) Extraction 2: insoluble protein fraction ab44911 Human thyroid tumor tissue lysate <a href="#">ab44909</a> Human thyroid normal tissue lysate (matched)</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on Dry Ice. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Constituents: PBS, 15.22% Thiourea, 30.03% Urea, 0.1% SDS, 0.77% DTT
<b>Purification notes</b>	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.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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