

Product Datasheet

Human Prostate Tissue Lysate (Adult Tumor) NBP2-47065

Unit Size: 0.1 mg

Store at -80C. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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NBP2-47065**Human Prostate Tissue Lysate (Adult Tumor)**

Product Information	
Unit Size	0.1 mg
Concentration	Please contact technical services for concentration.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Product Description	
Description	<p>Human Prostate Tissue Lysate (Adult Tumor)</p> <p>Diagnosis: Prostatic Adenoma</p> <p>Sex: Male</p> <p>Age: 74</p> <p>Grade: N/A</p> <p>Stage: N/A</p> <p>Tumor Pathology Data</p> <p>Location: Prostate</p> <p>Gross findings: Tumor size 4 x 5 cm. Smooth, demarcated. Cut section soft and ivory-white.</p> <p>Microscopic findings</p> <p>The specimen is composed of many glands covered by benign columnar cells, with some papillary formations. Hyperplastic fibrous tissues are present and there is inflammation with lymphocytes.</p> <p>Preparation Method</p> <p>Tissue specimens are homogenized in modified RIPA buffer to obtain the soluble proteins, and centrifuged to clarify. Extraction 1: PBS, pH 7.4; 1 ug/ml Aprotinin; 1 mM NaF Modified RIPA Buffer: 1 mM EDTA; 1 ug/ml Pepstatin-A; 0.1% SDS; 0.25% Na deoxycholate; 1 ug/ml Leupeptin; 1 mM PMSF; 1 mM Na3VO4</p>
Species	Human
Notes	<p>The vial is provided with a 10% overfill. Maximum recovery can be obtained by centrifuging the vial briefly to collect any solution on the cap and tube sides.</p> <p>This material has tested negative for HbsAg, HIV 1/2, and HCV. Use UNIVERSAL PRECAUTIONS when handling. Human tissue derivatives must be treated as a potentially infectious agent and disposed of appropriately</p>
Lysate Type	Tissue
Lysate Tissue	Prostate
Lysate Tissue Condition	Tumor
Lysate Life Stage	Adult

Product Application Details**Application Notes**

These lysates have not been subjected to denaturing or reducing conditions. This allows the tissue or cell lysate to be used in a variety of applications; to study protein-protein interaction, ligand binding, ELISA, immunoprecipitation, 1D and 2D gel electrophoresis, and Western blotting for the detection of specific protein targets.

For use in 1D and 2D gel electrophoresis, the addition of a denaturing gel loading buffer with reducing agents may be required.

Buffer requirements for performing protein-protein interaction and ligand binding studies can vary significantly from RIPA buffer and may require modifications. In most cases, tissue lysates in RIPA buffer can be used, directly in standard ELISA and immunoprecipitation assays.

These lysates are proteomic discovery tools. Researchers should validate and optimize for individual use.





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Products Related to NBP2-47065

NBP2-30169	Human Prostate Tissue MicroArray (Cancer)
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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Lysates are guaranteed for 6 months from date of receipt.

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