Product Datasheet

Human Breast Tissue Lysate (Adult Normal)
NBP2-28006

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -70C long term. Avoid freeze-thaw cycles.

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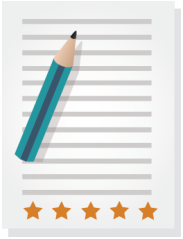


NBP2-28006

Human Breast Tissue Lysate (Adult Normal)

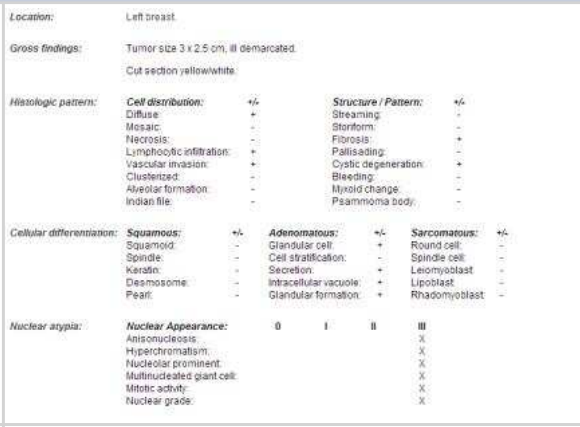
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at -20C short term. Aliquot and store at -70C long term. Avoid freeze-thaw cycles.

Product Description	
Description	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.
Species	Human
Specificity/Sensitivity	Sex:Female Age :75 Diagnosis:Scirhous adenocarcinoma Grade:3 Stage:II TNM:T2N0M0 Clinical Tissue Human Breast Normal Tissue Lysate (Matched), Soluble protein fraction
Preparation Method	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.
Notes	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.
Lysate Type	Tissue
Lysate Tissue	Breast
Lysate Tissue Condition	Normal
Lysate Life Stage	Adult

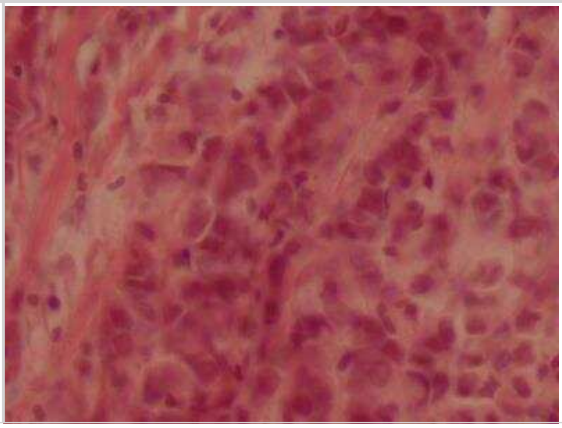
Product Application Details	
Application Notes	These lysates are proteomic discovery tools.Researchers should validate and optimize for individual use. Potential applications MAY include WB, immunoprecipitation, protein-protein interactions, ligand binding, ELISA. Note: For use in 1D and 2D gel electrophoresis, the addition of a denaturing gel loading buffer with reducing agents may be required.

Images

Human Breast Tissue Lysate (Adult Normal) [NBP2-28006]



Human Breast Tissue Lysate (Adult Normal) [NBP2-28006]



Procedures

Product Handling Protocol (NBP2-28006)

Product Handling Protocol (NBP2-28006):
Lysate Preparation: 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.
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
Extraction 2: PBS, pH 7.4, 5.0 M Urea, 2.0 M Thiourea, 50mM DTT, 0.1% SDS

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Products Related to NBP2-28006

NBP2-30212	Human Breast Tissue MicroArray (Cancer)

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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