

# Product Datasheet

## Ovary Matched Tumor and Normal Tissue Lysate NBP2-47069

Unit Size: 2 Vials

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-47069](http://www.novusbio.com/NBP2-47069)

Updated 10/23/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-47069](http://www.novusbio.com/reviews/destination/NBP2-47069)



**NBP2-47069**

## Ovary Matched Tumor and Normal Tissue Lysate

Product Information	
Unit Size	2 Vials
Concentration	mg/ml
Storage	Store at -80C. Avoid freeze-thaw cycles.
Product Description	
Description	<p>1 x Human ovary tumor tissue lysate (1 mg/ml, 100 ug/vial)  1 x Human ovary normal tissue lysate [matched] (1 mg/ml, 100 ug/vial)</p> <p><b>Matched Tumor &amp; Normal Tissue Lysate Set</b></p> <p>Diagnosis: Carcinoma</p> <p>Sex: Female</p> <p>Age: 74</p> <p>Grade: N/A</p> <p>Stage: N/A</p> <p>Tumor Pathology Data</p> <p>Location: Ovary.</p> <p>Gross findings: Tumor size 12 x 15 cm. ill demarcated. Cut section soft and ivory-white.</p> <p><b>Microscopic findings</b></p> <p>Biopsy shows the tumor cells are malignant. The malignant glandular cells are large, irregular in size and shape with hyper chromatic nuclei and increased nucleo-cytoplasmic ratio. There are many mitoses and irregular nuclei.</p> <p><b>Preparation Method</b></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	Matched Tumor and Normal Tissue
Lysate Tissue	Ovary
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.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-47069**

---

NBP2-30290	Human Ovary 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-47069](http://www.novusbio.com/reviews/submit/NBP2-47069)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

