

# Product Datasheet

## T-47D Nuclear Cell Lysate

### L006V3

Unit Size: 0.05 mg

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

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**L006V3****T-47D Nuclear Cell Lysate**

<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	2 mg/ml
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Buffer</b>	In ready-to-use 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue).
<b>Product Description</b>	
<b>Description</b>	Quality control test: 12.5% SDS-PAGE Stained with Coomassie Blue. Nuclear extract cell lysate (denatured)
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	T-47D (human breast duct carcinoma) nuclear extract lysate (denatured)
<b>Preparation Method</b>	Nuclear extract was prepared by using a modified protocol of Dignam et al. Cells were Harvested and homogenized in Buffer A, and then centrifugated at 25,000 g for 20 minutes to remove cytoplasm and pellet the nuclei. The pellet was re-suspended in Buffer C, and then the suspensions were centrifuged to collect nuclear extract. The supernatant was dialyzed against Buffer D. The dialysate was then centrifuged, divided into aliquots, and stored at -80C. The protein concentration was determined by the method of Bradford. The lysate was adjusted to 2.5 mg/ml, and then mixed with 5X Sample Buffer to become final 2 mg/ml in 1X Sample Buffer. The lysate was heated at 95C for 5 min, and cooled rapidly.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Lysate Type</b>	Cell
<b>Lysate Tissue</b>	Breast
<b>Lysate Tissue Condition</b>	Duct Carcinoma
<b>Lysate Protein State</b>	Denatured
<b>Lysate Subcellular Fraction</b>	Nuclear
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot
<b>Application Notes</b>	The lysate is ready to load on SDS-PAGE for Western blotting.





### **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  
novus@novusbio.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: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **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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