

Datasheet: 5620-0604

**BATCH NUMBER 160217**

<b>Description:</b>	NATIVE HUMAN LAMININ
<b>Name:</b>	LAMININ
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	0.1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Functional Assays	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Preparation</b>	Purified by immunoaffinity from pepsinized human placenta
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	0.5 mg/ml

**Product Information** **Native Human Laminin** is purified protein from human placenta and supplied as a liquid.

Laminin is an endothelial adhesion glycoprotein composed of 3 chains designated A (MW ~400 kDa), B1 (MW ~210 kDa) and B2 (MW ~200 kDa) held together by disulphide bonds in cruciform shape.

Merck Index: 12: 5364

CAS number: 114956-81-9

Bio-Rad Antibodies recommend to thaw this solution slowly at 2-8°C to avoid gel formation.

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<b>Protein Molecular Weight</b>	In electrophoresis a major band is observed at 60 kDa and a minor band at 170-190 kDa
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<b>Purity</b>	>90% by SDS PAGE
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<b>Instructions For Use</b>	Care must be taken when using at room temperature. It is advisable to use the product as soon as possible. If a gel forms then it is not possible to reactivate for use.
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<b>References</b>	1. Koeppen, A.H. <i>et al.</i> (2016) Dorsal root ganglia in Friedreich ataxia: satellite cell proliferation and inflammation. <a href="#">Acta Neuropathol Commun. 4 (1): 46.</a>
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<b>Storage</b>	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.
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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10169 available at: <a href="https://www.bio-rad-antibodies.com/SDS/5620-0604">https://www.bio-rad-antibodies.com/SDS/5620-0604</a> 10169  Donor material tested and found negative for HIV1, HIV2, HepB, HepC and HTLV.  As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious
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<b>Regulatory</b>	For research purposes only
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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