

## Datasheet: MPP017

**BATCH NUMBER 155455**

<b>Description:</b>	NEISSERIA GONORRHOEAE
<b>Name:</b>	NEISSERIA GONORRHOEAE
<b>Format:</b>	Inactivated Pathogen
<b>Product Type:</b>	Antigen
<b>Quantity:</b>	1 ml

## 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	▪			

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>	Bacterial
<b>Product Form</b>	Inactivated, homogenised <i>Neisseria gonorrhoeae</i> - frozen
<b>Preparation</b>	A homogenised pure bacteria.  The preparation is inactivated by heat treatment at 56°C for 3 hours. Inactivation is confirmed by no visible colonies on permissive plates after 5 days.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	Total protein concentration 0.37 mg/ml

**Product Information** *Neisseria gonorrhoeae* is a non-motile, Gram-negative aerobic coccus with a typical outer membrane composed of proteins, phospholipids and lipopolysaccharide (LPS). Neisserial lipopolysaccharide has a highly branched basal oligosaccharide structure and no

repeating O-antigen subunits, also referred to as lipooligosaccharide (LOS).

*Neisseria gonorrhoeae* is responsible for the sexually transmitted infection gonorrhoea, a type of urethritis. The infection is characterised by a purulent discharge, but asymptomatic infection is a major problem. *Neisseria gonorrhoeae* could also cause conjunctivitis, pharyngitis or proctitis. The infection can be treated with antibiotic effective against resistant strains.

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<b>Activity</b>	This product has been rendered inactive by standard procedures. However this material should still be handled as infectious and should be disposed of appropriately.
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<b>Storage</b>	Store at -70°C. 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.
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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 #10258 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MPP017">https://www.bio-rad-antibodies.com/SDS/MPP017</a> 10258
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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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