

Product datasheet for **AR31203SU-N**

Helicobacter pylori Protein

Product data:

Product Type:	Native Proteins
Description:	Helicobacter pylori protein, 0.1 ml
Protein Source:	Cell culture
Purity:	None, Native Lysate
Buffer:	Presentation State: Lysate State: Liquid Lysate Buffer System: Phosphate Buffered Saline, pH 7.4 Preservative: 0.09% Sodium Azide
Preparation:	Liquid Lysate
Applications:	Suitable for use as a positive control in Lateral Flow assays and when spiked into stool samples.
Protein Description:	H. pylori Helicobacter pylori (H. pylori).
Note:	Inactivation: Binary Ethylenimine + Formaldehyde Inactivation + Heat treatment at 60°C for 30 minutes. Confirmed by absence of colonies after 72 hours.
Storage:	Upon receipt, store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Summary:	The spiral shaped bacterium Helicobacter pylori is strongly associated with inflammation of the stomach and is also implicated in the development of gastric malignancy. H. pylori is known to cause peptic ulcers and chronic gastritis in human. It is associated with duodenal ulcers and may be involved in development of adenocarcinoma and low-grade lymphoma of mucosa associated lymphoid tissue in the stomach. More recently this bacterium has also been implicated with a number of vascular disorders including heart disease. It is not clear how H. pylori is transmitted or why some patients become symptomatic while others do not. The bacteria are most likely spread from person to person through fecal-to-oral or oral-to-oral routes. Possible environmental reservoirs include contaminated water sources.



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