

## Product datasheet for **AR00055SU-N**

### Helicobacter pylori Human Protein

#### Product data:

Product Type:	Native Proteins
Description:	Helicobacter pylori protein, 1 mg
Species:	Human
Protein Source:	Cell culture
Concentration:	lot specific
Purity:	Washed harvested organisms are solubilized with detergent and presented in 1% n-octylglucoside
Buffer:	Presentation State: Lysate State: Liquid Lysate Preservative: None
Preparation:	Liquid Lysate
Protein Description:	Helicobacter pylori Antigen.
Note:	Caution: No test guarantees a product to be non-infectious. All materials should be handled as if potentially infectious. Generally accepted laboratory practices appropriate for infectious materials should be employed when handling this product.
Storage:	Upon receipt, store (in aliquots) at -20°C to -80°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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