



# Recombinant Ehrlichia canis gp19 [His] (DAG-WT1211)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	A DNA sequence encoding the Ehrlichia canis gp19 was expressed with a polyhistidine tag at the N-terminus
<b>Purity</b>	> 95% as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	ELISA, CLIA, LFIA, WB
<b>Molecular Weight</b>	21.4 kDa
<b>Format</b>	Liquid or Lyophilized powder
<b>Size</b>	1 mg
<b>Buffer</b>	20 mM phosphate buffer, pH7, 0.15 M NaCl, 0.13 M Trehalose and 0.1% polyoxyethylene (10) tridecyl ether
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C

## BACKGROUND

<b>Introduction</b>	Ehrlichia canis is a type of bacteria that is responsible for causing a tick-borne disease known as canine ehrlichiosis. This disease primarily affects dogs and is transmitted through the bite of infected ticks. Ehrlichia canis infects white blood cells, leading to an array of clinical signs such as fever, lethargy, loss of appetite, weight loss, and swollen lymph nodes.
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**Keywords**

Ehrlichiosis; Ehrlichia canis; E. canis

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