



# Recombinant Neospora caninum NcGRA7 Antigen [His] (DAG-WT330)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	GRA7 is a dense granule antigen which has been expressed as a recombinant antigen fused to a his-tag in its N-terminus
<b>Antigen Description</b>	GRA7 is an excretory Neospora caninum dense granule antigen and a highly immunogenic protein of the parasite. NcGRA7 might be involved in the initial host cell invasion process of N. caninum
<b>Purity</b>	> 98% , as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	WB/ELISA/LF/CLIA
<b>Molecular Weight</b>	28 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	1 mg
<b>Buffer</b>	20 mM phosphate buffer pH 8.0 and 0.15 M NaCl and 0.1% polyoxyethylene (10) tridecyl ether
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C to -80°C. Avoid multiple freeze/thaw cycles.

## BACKGROUND

**Introduction** Neospora caninum is a coccidian parasite that was identified as a species in 1988. Prior to this,

it was misclassified as *Toxoplasma gondii* due to structural similarities. The genome sequence of *Neospora caninum* has been determined by the Wellcome Trust Sanger Institute and the University of Liverpool. *Neospora caninum* is an important cause of spontaneous abortion in infected livestock.

---

<b>Keywords</b>	<i>Neospora caninum</i> ; GRA7; GRA proteins
-----------------	--

---