



Recombinant Neospora caninum NcGRA7 Antigen [His, Biotin] (DAG-WT331)

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

PRODUCT INFORMATION

Product Overview	GRA7 is a dense granule antigen which has been expressed as a recombinant antigen fused to a his-tag in its N-terminus and in vivo biotinylated
Antigen Description	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
Purity	> 98% , as determined by SDS-PAGE
Conjugate	His, Biotin
Applications	WB/ELISA
Molecular Weight	37 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	20 mM phosphate buffer pH 7.0 and 0.15 M NaCl and 0.1% polyoxyethylene (10) tridecyl ether
Preservative	None
Storage	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.

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