

Toxoplasma gondii

Recombinant Gra8, *Toxoplasma gondii*

Synonyms	p35, dense granule protein 8	
Description	Recombinant <i>Toxoplasma gondii</i> Gra8 protein is expressed in <i>E. coli</i> as a monomeric, non-glycosylated polypeptide chain consisting of 149 amino acids with a molecular mass of 15800 Da. The product represents a central fragment of the native protein. It carries an N-terminal fusion of 6 Histidines.	
Specifications	Source	Genetically engineered <i>Escherichia coli</i>
	Stabilizers	None
	Preservatives	None
	Diluent	Antigen specific solution, contains 8M Urea. Antigen lots in PBS / 0.1% SDS are prepared on request only.
	Purification	Ion Exchange Chromatography, Affinity Chromatography
	Purity	> 98%, analysed by SDS-PAGE (reducing and non-reducing) followed by Coomassie-Blue staining and immunoprobng of Western blotted proteins with anti-E.coli serum (DAKO)
	Endotoxin	Not determined
	Protein concentration	Determined spectrophotometrically at 280nm (ext. coeff. 7680) and densitometrically by <i>Advanced Image Data Analyzer software</i> (Raytest) in relation to BSA standards
Quality Control	The integrity of the plasmid is controlled by restriction analysis and DNA sequencing. The expression product is characterized by N-terminal protein sequencing, SDS-PAGE (app. m.w.) and immunodetection of the Western blotted protein. In addition, correct reactivities compared to previous antigen lots with defined human and animal sera (negative, low, medium and high positive) are mandatory.	

Article No.

95904 Toxoplasma protein GRA8
1.5 ml

Storage and Shelf Life

At -80°C 10 years from the date of production
Avoid repeated freeze-thaw cycles

For in vitro investigational use only. Not intended for diagnostic or therapeutic procedures.