



Recombinant Mumps Virus Nucleoprotein (Jeryl Lynn strain) (DAG-WT1156)

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

PRODUCT INFORMATION

Purity	> 90% as determined by SDS-PAGE
Conjugate	His
Applications	ELISA
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	100 µg, 500 µg
Buffer	50mM DEA pH10.0, 10mM NaCl, 4M urea
Preservative	None
Storage	Store at -80°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction

Mumps virus is a member of the Rubulavirus genus in the Paramyxoviridae family. Mumps is an enveloped negative-stranded RNA virus with an irregular spherical shape ranging in size from 100 to 600 nm. The viral genome is contained in a helical nucleocapsid enclosed in a trilayered envelope studded with glycoproteins possessing hemagglutinin and neuraminidase (HN protein) and cell fusion (F-protein) activities. The virus contains seven structural proteins, including nucleocapsid-associated protein (NP), a (V and I)/phosphoprotein (P), membrane or matrix protein (M), a high-molecular-weight protein (L), SH protein, HN protein, and F protein. There is one serotype of virus. The gene for the SH protein is the most variable part of the mumps virus genome and amplification of a sequence of the SH gene region by polymerase

chain reaction (PCR) is used to classify the virus into 12 genotypes.

Keywords	Mumps virus; Nucleoprotein; Jeryl Lynn
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GENE INFORMATION

UniProt ID	Q77IS8
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