



Recombinant CMV UL83 (DAG3204)

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

PRODUCT INFORMATION

Product Overview	Recombinant Cytomegalovirus UL83
Species	CMV
Purity	95% by SDS-PAGE
Conjugate	Unconjugated
Applications	ELISA
Buffer	25 mM Tris-HCl, 0.1% SDS, pH 8.3
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Cytomegalovirus (CMV) is a member of the Herpes virus family. Members of this family have a characteristic virion structure. The double stranded DNA genome is contained within an icosahedral capsid which is embedded in a proteinaceous layer (tegument) and surrounded by a lipid envelope that is decorated with virus-specific glycoprotein spikes. The viral genes are coordinately expressed in groups at various times after infection. Early viral proteins are expressed in the nucleus of infected cells within 3 to 24 hours of infection prior to the commencement of viral DNA replication. This is followed by expression of the early intermediate genes, which encode enzymes required for viral DNA replication. After 48 to 72 hours, a number of late viral antigens may be demonstrated in the nuclei and cytoplasm of infected cells.
Keywords	CMV Ag. Pp65 (UL83) (AD169 Strain); Cytomegalovirus Antigen, Pp65 (UL83), Strain AD169; Pp65; UL83; Cytomegalovirus; CMV; strain AD169; HCMV; HHV 5; Human Herpesvirus 5;

