

CMV EXT-2 Antigen

Cat. No. EXT-2-004C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Cytomegalovirus (CMV) EXT-2 Antigen (Strain AD169) Protein expressed from Human Fibroblast Cells.
Species	CMV
Source	Human Fibroblast Cells
Description	Human cytomegalovirus (CMV, also called Human herpesvirus is a member of the herpes virus family and shares the characteristic ability to remain latent within the body for life within an infected individual. Although a CMV infection is typically asymptomatic in healthy persons, immunocompromised individuals such as AIDS patients, organ transplant recipients, and newborn infants, are at high risk of developing life-threatening complications from primary infections and reactivations. Most people (85%) have been infected by CMV by 40 years of age.
Tag	Non
Form	Liquid
Bio-activity	Midpoint Titer (reference antigen): 220.44 Background ELISA Ratio: 1.0 Sensitivity/Specificity Negative Control: Acceptable. Sensitivity/Specificity Medium Positive Control: 14.15 Sensitivity/Specificity High Positive Control: 18.33

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Applications	ELISA
Storage	Store at ≤ -65 centigrade, Avoid multiple freeze/thaw cycles.
Concentration	OD 260/280nm Assay: Acceptable Range: 0.2-1.0 mg/mL Testing Results: 0.42 mg/mL
Storage Buffer	0.1 M Glycine Buffer, pH 9.3-9.7
Inactivation	Product inactivated by chemical disruption and verified by Infectivity Testing (Cell Culture). Acceptable Range: 0 CPE Testing Results: Pass

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