



TECHNICAL DATA SHEET

Human Fc Monoclonal Antibody in Hybrid Sera

PRODUCT DESCRIPTION	Anti-CMV monoclonal antibody, IgM, clone Z11E4, Hybrid sera
PRODUCT RANGE	Infectious disease
REFERENCE	10010 (former BCD-94-CMV-M-C2)
DESIGN/DEVELOPMENT	After immunization of InEps® mouse, a transgenic mouse whose sequence for the Ig heavy chain constant region is replaced by a human IgM sequence, a hybridoma cell line has been established.
ANTIGEN OF IMMUNISATION	CMV pp52 (UL44) (Serion Immunologics; #P2015E - #BA109R01)
PRODUCTION	Bioproduction is performed by hybridoma cell culture in low endotoxin condition. Culture medium : IMDM 5% FBS (US origin) Filtration 0.2 µm
BUFFER	BCD Matrix
PRESERVATIVES	0.15% Proclin 950 0.1% Proclin 300
STORAGE	Between + 2°C and + 8 °C or aliquot and store frozen Avoid repeated freeze/thaw cycles
EXPIRY DATE	<i>Please see batch COA</i>
SAFETY STATEMENT	Noninfectious – biological product from <i>in vitro</i> production
IMMUNO-REACTIVITY (NON-EXHAUSTIVE)	Validated by ELISA
RECOMMENDATED USE	Product for research or further manufacturing use only. Suitable for ELISA (manual or automated) and automated systems. Please try the sample neat (undiluted) then dilute it sequentially by a factor of 2 (i.e., 1/2, 1/4, 1/8, etc). Avoid phosphate buffer for dilution.