



## TECHNICAL DATA SHEET

### *Human Fc Monoclonal Antibody in supernatant*

PRODUCT DESCRIPTION	Anti-CMV monoclonal antibody, IgM, clone Z1D12, in cell culture supernatant
PRODUCT RANGE	Infectious disease
REFERENCE	10009 (former BCD-94-CMV-M-C1)
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
PRESERVATIVES	0.15% Proclin 950 0.1% Proclin 300
STORAGE	Between + 2°C and + 8 °C – do not freeze
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). 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.