



TECHNICAL DATA SHEET

Purified Human Fc Monoclonal Antibody

PRODUCT DESCRIPTION	Anti-HSV1-2 monoclonal antibody, IgM, clone K11A12, purified
PRODUCT RANGE	Infectious disease
REFERENCE	10014 (former BCD-94-H1/2-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	Herpes Simplex Virus 1 antigen (Serion Immunologics; #BA1051VS)
PURIFICATION	Purification from hybridoma culture supernatant by affinity chromatography
BUFFER	0.05 M Tris-HCl, 0.2 M NaCl, 0.01 M Glycine, 0.25 M Trehalose pH 7.4
PRESERVATIVES	0,02% Sodium Azide
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 in vitro production
CONCENTRATION	<i>Please see batch COA</i>
IMMUNO-REACTIVITY (NON-EXHAUSTIVE)	Validated by ELISA (SERION ELISA classic; #ESR105M)
RECOMMENDATED USE	<p>Product for research or further manufacturing use only.</p> <p>Suitable for ELISA (manual or automated). Please try the sample diluted 100 time then dilute it sequentially by a factor of 2 (i.e., 1/200, 1/400, 1/800, etc).</p> <p>Suitable for automated systems. Please try the sample diluted 10 time then dilute it sequentially by a factor of 2 (i.e., 1/20, 1/40, 1/80, etc).</p> <p>Avoid phosphate buffer for dilution.</p>

©Bcell Design – January 2026