



TECHNICAL DATA SHEET

Purified Human Fc Monoclonal Antibody

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| PRODUCT DESCRIPTION | Rheumatoid factor monoclonal antibody, IgM, clone D10F2, purified |
| PRODUCT RANGE | Auto-Immunity |
| REFERENCE | 20015 (former BCD-19-RF-M-C3) |
| 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 | Rheumatoid factor antigen from human plasma (AROTEC; ATF01-10) |
| 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 | 0.15% 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 in vitro production |
| CONCENTRATION | <i>Please see batch COA</i> |
| IMMUNO-REACTIVITY (NON-EXHAUSTIVE) | Validated by ELISA and Turbidimetric test (Biolabo; #RF520E) |
| RECOMMENDED 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> |