



## TECHNICAL DATA SHEET

### *Human Fc Monoclonal Antibody in supernatant*

|                                    |   |
|------------------------------------|---|
| PRODUCT DESCRIPTION                | <b>Anti-<i>Mycoplasma pneumoniae</i> monoclonal antibody, IgM, clone NA15F4, in cell culture supernatant</b>  |
| PRODUCT RANGE                      | <b>Infectious disease</b>   |
| REFERENCE                          | <b>10019 (former BCD-94-MYC-M-C1)</b>   |
| DESIGN/DEVELOPMENT                 | <b>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.</b>  |
| ANTIGEN OF IMMUNISATION            | <b>Recombinant P1-adhesin protein of <i>Mycoplasma pneumoniae</i> (Serion Immunologics; #BA127VSP1)</b>   |
| PRODUCTION                         | <b>Bioproduction is performed by hybridoma cell culture in low endotoxin condition.<br/>Culture medium : IMDM 5% FBS (US origin)<br/>Filtration 0.2 µm</b>  |
| PRESERVATIVES                      | <b>0.15% Proclin 950<br/>0.1% Proclin 300</b>   |
| STORAGE                            | <b>Between + 2°C and + 8 °C – do not freeze</b>   |
| EXPIRY DATE                        | <b><i>Please see batch COA</i></b>  |
| SAFETY STATEMENT                   | <b>Noninfectious – biological product from in vitro production</b>  |
| IMMUNO-REACTIVITY (NON-EXHAUSTIVE) | <b>Validated by ELISA (SERION ELISA classic; #ESR127M), ELISA Viditest VIDIA</b>  |
| RECOMMENDATED USE                  | <b>Product for research or further manufacturing use only.<br/>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).<br/>Avoid phosphate buffer for dilution.</b> |