

## Product Data Sheet – Humanized, Monoclonal Antibody

<b>Product description</b>	Anti-Mycoplasma pneumoniae monoclonal antibody, IgM, in human matrix, chimeric
<b>Order No.</b>	MAB127.001H
<b>Lot No.</b>	Lot specific
<b>Clone</b>	NA15F4A12
<b>Preparation</b>	<p>The antibody has been generated in transgenic mice whose sequence for the IgM heavy chain constant region is replaced by the corresponding human sequence. After immunization of mice, a hybridoma cell line has been established. The antibody is produced industrially by standard hybridoma cell line techniques under sterile conditions.</p> <p>The antibody was purified by a proprietary method and is presented in an IgG depleted and delipidized human serum matrix.</p>
<b>Preservatives</b>	<p>1.5 mL/L ProClin™ 950 (Sigma-Aldrich)</p> <p>1.0 mL/L ProClin™ 300 (Sigma-Aldrich)</p>
<b>Antibody specificity</b>	Validated by SERION ELISA <i>classic</i> Mycoplasma pneumoniae IgM (Institut Virion\Serion GmbH)
<b>Total IgM concentration</b>	<p>Specification: 100 – 150 µg/mL</p> <p>Result: Lot specific</p> <p>Determined by Human IgM Platinum ELISA (Thermo Fisher Scientific) and standardized with IgM from human serum (Sigma-Aldrich)</p>
<b>Total IgG concentration</b>	<p>Specification: &lt;1 mg/mL</p> <p>Result: Lot specific</p> <p>Determined by Human IgG Total Platinum ELISA (Thermo Fisher Scientific)</p>
<b>Bioburden</b>	<p>Specification: Total aerobic microbial growth &lt; 1000 CFU/mL</p> <p>Result: Lot specific</p>
<b>Storage/shipment</b>	2 – 8 °C      Shipment at 2 – 8 °C or on dry ice
<b>Date of manufacture</b>	Lot specific
<b>Expiry date</b>	24 months from date of manufacture (under recommended storage conditions)
<b>Manufacturer</b>	Institut Virion\Serion GmbH, Germany
<b>Safety statement</b>	This material is tested negative for HbsAg, HIV-1, HIV-2 and HCV by FDA approved methods. Since no method can guarantee the absence of infective agents, this product should be handled with appropriate safety precautions.

For research or manufacturing use only. Not for use in diagnostic procedures.

Date: 2019-11-18