

Product Data Sheet – Humanized, Monoclonal Antibody

Product description	Anti-Chlamydia pneumoniae monoclonal antibody, IgM, in human matrix, chimeric
Order No.	MAB1371.001H
Lot No.	Lot specific
Clone	G12B2
Preparation	<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>
Preservatives	<p>1.5 mL/L ProClin™ 950 (Sigma-Aldrich)</p> <p>1.0 mL/L ProClin™ 300 (Sigma-Aldrich)</p>
Antibody specificity	Validated by SERION ELISA <i>classic</i> Chlamydia pneumoniae IgM (Institut Virion\Serion GmbH)
Total IgM concentration	<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>
Total IgG concentration	<p>Specification: <1 mg/mL</p> <p>Result: Lot specific</p> <p>Determined by Human IgG Total Platinum ELISA (Thermo Fisher Scientific)</p>
Bioburden	<p>Specification: Total aerobic microbial growth < 1000 CFU/mL</p> <p>Result: Lot specific</p>
Storage/shipment	2 – 8 °C Shipment at 2 – 8 °C or on dry ice
Date of manufacture	Lot specific
Expiry date	24 months from date of manufacture (under recommended storage conditions)
Manufacturer	Institut Virion\Serion GmbH, Germany
Safety statement	<p>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.</p>

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

Date: 2019-11-18