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ProductInformation

MOUSE IgM,λ (MOPC-104E)
Clarified Ascites

Product No. **M 2521**

Product Description
The MOPC-104E tumor line that produces mouse IgM is a mineral oil induced plasmacytoma originated and carried intraperitoneally in BALB/c mice. The ascites produced from the MOPC-104E tumor line contains IgMλ in addition to normal levels of other mouse immunoglobulins and serum proteins. The ascites fluid is clarified by centrifugation and filtration. The product is provided lyophilized from 0.01 M phosphate buffered saline, pH 7.2, with no preservatives added.

Identity and Purity
Identity and purity of the antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the ascites fluid followed by diffusion versus anti-mouse IgM results in a single arc of precipitation.

Protein Content
Each vial contains at least 5 mg of mouse IgMλ myeloma protein, determined by densitometry of electrophoresed ascites fluid.

Protein Concentration: Not more than 90 mg/ml determined by Biuret

Storage/Stability
To one vial of lyophilized powder, add 1 ml of deionized water and an appropriate antimicrobial agent (e.g. sodium azide) to a final concentration of 15 mM. Rotate vial gently until powder dissolves. Prior to reconstitution store the product at 2-8 °C. After reconstitution, the solution may be stored frozen in working aliquots. Repeated freezing and thawing is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

Kaa 11/02