



DataSheet

CATALOGUE #: 8M80

PRODUCT NAME: Myeloperoxidase (MPO)

- Source:** Human donor leukocytes.
Blood sample from donors was tested and found negative for HBsAg, HIV-1 and HIV-2 antibodies, HCV, and syphilis.
- Application:** MPO is an enzyme contained in azurophilic granules (MW ca. 140 kDa) and it is a covalently linked complex of two alpha chains (MW ca. 60 kDa) and two beta chains (MW ca. 14 kDa). MPO is considered as one of the most promising cardiac markers to identify patients with chest pain that are at increased risk of cardiovascular events. Anti-MPO autoantibodies are serological markers for certain systemic vasculitides. The purified MPO antigen can be used for the detection of anti-MPO autoantibodies in immunoassays, in immunochemical and biochemical MPO studies.
- Analysis:** Purity > 90 % (SDS-PAGE).
Immunological activity confirmed by reaction with monoclonal antibody that is specific for MPO.
- Presentation:** Lyophilized from PBS.
It is recommended to reconstitute the product in distilled water.
- Storage:** Before and after reconstitution at -20 °C (-15 ... -30 °C allowed)
- Material safety note:** This product is sold **for research use only**. Standard Laboratory Practices should be followed when handling this material.

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