



CERTIFICATE OF ANALYSIS

PRODUCT NAME:	MYELOPEROXIDASE ANTIGEN (MPO) Human
APPEARANCE:	Greenish Liquid
CAS NO:	9003-99-0
CAT. NO:	I426-10
CONTAMINANTS:	No detectable amounts of lactoferrin or Cathepsin G
EC NO:	1.11.1.7
EXPIRATION:	2 years
FORM:	Liquid
PROTEIN CONC:	Typically > 1.0 mg protein/ml
PURITY:	> 98 % by SDS Page-highly purified
RZ VALUE:	> 0.7 at 430nm to 280nm
SOURCE:	Human Neutrophil
STORAGE:	2-8 C
SYNONYMS:	MPO
UNSPSC CODE:	51131907

Prognostix CardioMPO reagent used for verification of human myeloperoxidase MPO enzyme

As a manufacturer, we purify Human Myeloperoxidase enzyme(MPO) to specific RZ values and concentrate Human Myeloperoxidase (MPO)enzyme to any concentration. Lyophilized Human Myeloperoxidase (MPO)enzyme Cat. NO: 426-10LV is available.

Affinity Purified Human anti-MPO Polyclonal Antibody available Cat. NO: RPX-80

Our Native Human Myeloperoxidase (MPO)enzyme is being used in cardiac and autoimmune assay(s) and research worldwide. Human Myeloperoxidase (MPO)enzyme deficiency is a rare hereditary deficiency of the enzyme, which predisposes to immune deficiency.



Antibodies against Human Myeloperoxidase (MPO) antigen have been implicated in various types of vasculitis, most prominently crescentic glomerulonephritis and Churg-Strauss syndrome. anti-human Myeloperoxidase antibodies are detected as perinuclear ANCA (pANCA), as opposed to the cytoplasmic ANCA (cANCA) against proteinase 3 (PR3), which are strongly associated with Wegener's granulomatosis.