

Product Datasheet

Myeloperoxidase (MPO) Antigen, Human Neutrophil - pANCA 426-10

Product Name	Myeloperoxidase (MPO) Antigen, Human Neutrophil - pANCA
Catalog Number	426-10
Alternative Names	MPO, pANCA
Brand	Lee Biosolutions
Form/Appearance	Liquid Clear, green Liquid
Concentration	1.0 - 2.0 mg/mL (A ₄₃₀ , E ^{0.1%} =1.19)
Storage	+2-8 °C
Purity	≥ 96% (SDS-PAGE)
CAS Number	9003-99-0
Source	Human Neutrophils
Buffer	0.2 micron-filtered 50 mM sodium acetate, 100 mM sodium chloride, pH 6.0, with bromo-nitro-dioxane and methylisothiazolone as preservatives
Shelf Life	2 years
Biological Activity	≥ 1,000 U/mL
Specific Activity	≥ 500 U/mg protein
Unit Definition	One unit of Myeloperoxidase will catalyze the consumption of one micromole of hydrogen peroxide and the production of ¼ micromole of tetraguaiacol per minute at pH 7.0 and 25°C.