

Bioactive

# Lactoperoxidase

Catalog # P5202      Size 10 mg

## Specification

<b>Product Description</b>	Lyophilized.
<b>Biological function</b>	Lactoperoxidase (LPO) is a glycoprotein with a hemin prosthetic group which may occur as a mixture of two isozymes. LPO catalyzes the hydrogen peroxide oxidation of iodide.
<b>Host</b>	Bovine
<b>Theoretical MW (kDa)</b>	77.5
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	Native protein purified from Bovine Milk
<b>Activity</b>	$\geq 35$ units per mg dry weight. One Unit reduces one micromole of hydrogen peroxide per minute at 25°C, pH 6.0.
<b>Recommend Usage</b>	Lactoperoxidase Assay
<b>Storage Instruction</b>	Store at -20°C.

## Applications

- Enzyme Activity