

Horseradish Peroxidase Biotinylated

Catalog number:	P2010010
Lot number:	0119P0010
Expiration date:	04/07/2023
Package Size:	1 mg
Specific Activity:	350 U/mg
Unit Definition:	Amount of biotinylated HRP needed to produce 1 μ mole of purpurogallin from pyrogallol in 20 seconds at 20°C in reaction buffer: 8 mM hydrogen peroxide, 14 mM potassium phosphate, 0.5% pyrogallol, pH 6.0.
Biotin Incorporation:	1.3 moles biotin/mole HRP (HABA assay)
Appearance:	Lyophilized powder
Storage:	-20°C or lower. Avoid repeated freeze-thaw.
Purity:	>95%.
Recommended Buffer:	10 mM citrate, pH 6.0
Product Description:	Horseradish Peroxidase (HRP) is one of the most used enzyme in biochemical applications. It catalyzes the oxidation of a large variety of substrates using Hydrogen Peroxide as oxidizing agent. Biotinylated HRP can be used to amplify the signal of certain immunoassays.

WARNING: This product is for **Research Use Only (RUO)**. This product is not for administration to humans or animals. This product is not for human or veterinary diagnostic or therapeutic use.

SAFETY: User must review the **Material Safety Data Sheet (MSDS)** provided with this product. In addition, this product should not be ingested, inhaled, swallowed or put in contact with eyes, skin or clothes. Furthermore, as a universal safety precaution, we recommend that this product be treated as hazardous until information to the contrary becomes available.

WARRANTY AND LIMITATIONS: Molecular Depot makes no warranty or guarantee of any kind (written, oral, expressed or implied) of the fitness or suitability of this product to any user's particular purpose or application. Furthermore, in no event will Molecular Depot LLC have any obligation or liability for any direct, indirect, incidental or consequential use of this product. All sales of this product are final and non-refundable.