

Product Review

Raw Materials for Immunoassay Development and Manufacturing

Assay Detection Reagents

Enzymes

Catalog No.	Product	Purity	Activity
A0424	Alkaline Phosphatase	≥90%	≥1500 U/mg
A0425	Alkaline Phosphatase	≥90%	≥1800 U/mg
H0214	Horseradish Peroxidase (HRP)	RZ Value ≥3.0	≥250 U/mg

Substrates

Catalog No.	Product	Source	Applications
B0522	BCIP/NBT	Synthetic	Dot Blot, Western Blot, PCR
B1121	TMB	Synthetic	ELISA

Affinity Binding Proteins

Catalog No.	Product	Purity	Activity
A1514	Avidin	≥90%	≥10 Worthington U/mg
P0814	Protein A	>95%	N/A
S1214	Streptavidin	≥95%	≥14.6 U/mg Biotin-Binding Activity

ENZYMES

Alkaline Phosphatase preparations from Scripps are purified from bovine intestine and supplied in liquid form.

Horseradish Peroxidase (HRP) is purified from horseradish root and provided as a reddish-brown, lyophilized powder.

SUBSTRATES

BCIP/NBT substrate is provided as a ready-to-use, single component substrate for the detection of alkaline phosphatase-labeled probes in membrane-based assay systems.

TMB substrate is provided as a ready-to-use, single component substrate for the detection of horseradish peroxidase-labeled probes in ELISA.

AFFINITY BINDING PROTEINS

Avidin is purified from egg whites and is provided as a lyophilized powder.

Protein A is purified from *Staphylococcus aureus* and is provided as a lyophilized powder.

Streptavidin is purified from *Streptomyces avidinii* and is provided as a lyophilized powder.