

TECHNICAL PRODUCT SUMMARY

Assay Detection Reagents

ENZYMES

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

SUBSTRATES

Cat. No.	Description	Source	Applications
B0522	BCIP/NBT	Synthetic	Dot Blot, Western Blot, PCR

AFFINITY BINDING PROTEINS

Cat. No.	Description	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

Intended Use: All Products are for Research Use or Further Manufacture Only. Not for Use in Diagnostic Procedures.

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.

ISO 9001:2015