

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 |
| B1121 | TMB | Synthetic | ELISA |

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