

VECTOR LABORATORIES

Enzyme Substrate Combinations

This table shows the substrates that are recommended for multiple antigen labeling and the order in which they are optimally used.

Second Substrate First Substrate	Vector® Red (magenta) SK-5100	Vector® Blue (blue) SK-5300	BCIP/NBT (indigo) SK-5400	VIP/ ImmPACT™ VIP (purple) SK-4605, SK-4600	DAB/ ImmPACT™ DAB (brown) SK-4105, SK-4100	DAB-Ni (gray-black) SK-4100	NovaRED™/ ImmPACT™ NovaRED™ (red) SK-4805, SK-4800	SG/ ImmPACT™ SG (blue-gray) SK-4705, SK-4700	AEC/ ImmPACT™ AEC (red) SK-4205, SK-4200	ImmPACT™ AMEC <i>Red</i> (red) SK-4285
Vector® Red (magenta) Cat. No. SK-5100		—	—	—	+	+	—	+	—	—
Vector® Blue (blue) Cat. No. SK-5300	+		—	+	+	+	+	+	+	+
BCIP/NBT (indigo) Cat. No. SK-5400	+	—		+	+	+	+	+	+	+
VIP/ImmPACT™ VIP (purple) Cat. No. SK-4605, SK-4600	—	+	—		+	+	—	+	—	—
DAB/ImmPACT™ DAB (brown) Cat. No. SK-4105, SK-4100	+	+	+	+		—	—	+	+	+
DAB-Ni (gray-black) Cat. No. SK-4100	+	—	—	+	+		+	—	—	—
NovaRED™/ImmPACT™ NovaRED™ (red) Cat. No. SK-4805, SK-4800	—	+	+	—	+	+		+	—	—
SG/ImmPACT™ SG (blue-gray) Cat. No. SK-4705, SK-4700	+	—	—	+	+	—	—		+	+
AEC/ImmPACT™ AEC (red) Cat. No. SK-4205, SK-4200	—	—	—	—	+	—	—	+		—
ImmPACT™ AMEC <i>Red</i> (red) SK-4285	—	—	—	—	+	—	—	+	—	

Key:

Alkaline Phosphatase

Peroxidase

+ Indicates good contrast

— Indicates incompatibility of substrates for various reasons