

HUMAN HEALTH

ENVIRONMENTAL HEALTH



SEE WHAT
YOU'VE BEEN
MISSING.

Tyramide Signal Amplification (TSA™) Kits for Immunohistochemistry and *in situ* Hybridization

Ordering Information

TSA Plus Kits: 10 to 20 times more sensitive than regular TSA
(includes labeled amplification reagent and amplification diluent)

Product	No. of Slides	Product No.
TSA Plus Fluorescence Kits		
TSA Plus Fluorescein Kit	50–150	NEL741001KT
	250–750	NEL741B001KT
TSA Plus TMR Kit	50–150	NEL742001KT
	250–750	NEL742B001KT
TSA Plus Cyanine 3 Kit	50–150	NEL744001KT
	250–750	NEL744B001KT
TSA Plus Cyanine 5 Kit	50–150	NEL745001KT
	250–750	NEL745B001KT
TSA Plus Multi-Fluor Combination Kits		
TSA Plus Cyanine 3/Cyanine 5 Kit	50–150	NEL752001KT
TSA Plus Cyanine 3/Fluorescein Kit	50–150	NEL753001KT
TSA Plus Cyanine 5/Fluorescein Kit	50–150	NEL754001KT
TSA Plus Fluorescein/TMR Kit	50–150	NEL756001KT
TSA Plus Fluorescence Palette Kit (contains one each of Fluorescein, TMR, Cyanine 3 and Cyanine 5)	10–35	NEL760001KT
TSA Plus Biotin Kits		
TSA Plus Biotin Kit	50–150	NEL749A001KT
	250–750	NEL749B001KT
TSA Plus DIG Kits		
TSA Plus DIG Kit	50–150	NEL748001KT
	250–750	NEL748B001KT
TSA Plus Evaluation Kits		
TSA Plus Fluorescein Eval. Kit	25–75	NEL741E001KT
TSA Plus Cyanine 3 Eval. Kit	25–75	NEL744E001KT
TSA Plus Cyanine 5 Eval. Kit	25–75	NEL745E001KT
TSA Plus DIG Evaluation Kit	25–75	NEL748E001KT

TSA Plus DNP Systems: sensitive, biotin-free chromogenic detection
(includes DNP amplification reagent, amplification diluent, anti-DNP
enzyme conjugate and blocking reagent)

Product	No. of Slides	Product No.
TSA Plus DNP (AP) System	25–75	NEL746B001KT
	50–150	NEL746A001KT
TSA Plus DNP (HRP) System	25–75	NEL747B001KT
	50–150	NEL747A001KT

**TSA Fluorescence Systems (includes labeled amplification reagent,
amplification diluent, streptavidin HRP and blocking reagent)**

Product	No. of Slides	Product No.
TSA Fluorescein System	50–150	NEL701A001KT
	100–300	NEL701001KT
TSA TMR System	100–300	NEL702001001KT
TSA Coumarin System	100–300	NEL703001KT
TSA Cyanine 3 System	50–150	NEL704A001KT
TSA Cyanine 5 System	50–150	NEL705A001KT

**TSA Biotin Systems (includes labeled amplification reagent, amplification
diluent, streptavidin HRP and blocking reagent)**

Product	No. of Slides	Product No.
TSA Biotin System	50–150	NEL700A001KT
	200–600	NEL700001KT

TSA Reagent Packs (includes labeled tyramide and amplification diluent)

Product	No. of Slides	Product No.
TSA Biotin Tyramide Reagent Pack	200–600	SAT700001EA
TSA Fluorescein Tyramide Reagent Pack	1,000–3,000	SAT700B001EA
TSA TMR Tyramide Reagent Pack	100–300	SAT701001EA
TSA Cyanine 3 Tyramide Reagent Pack	500–1,500	SAT701B001EA
TSA Cyanine 5 Tyramide Reagent Pack	100–300	SAT702001EA
TSA Cyanine 3 Tyramide Reagent Pack	50–150	SAT704A001EA
TSA Cyanine 5 Tyramide Reagent Pack	250–750	SAT704B001EA
TSA Cyanine 5 Tyramide Reagent Pack	50–150	SAT705A001EA

Complementary Products

Product	Amount	Product No.
TSA Blocking Reagent	3 g	FP1020
	10 g	FP1012

Horseradish Peroxidase Reagents

Product	Product No.
Anti-Rabbit IgG (goat) HRP	NEF812001EA
Anti-Mouse IgG (goat) HRP	NEF822001EA
Anti-Human IgG (goat)* HRP	NEF802001EA
Anti-DNP-HRP	FP1129
Anti-fluorescein-HRP	NEF710001EA
Streptavidin-HRP	NEL750001EA
Anti-digoxigenin-HRP	NEF832001EA

Biotin Conjugates

Product	Product No.
Anti-Rabbit IgG (goat) biotin	NEF813001EA
Anti-Mouse IgG (goat) biotin	NEF823001EA
Anti-Human IgG (goat) biotin	NEF803001EA
Anti-digoxigenin biotin	NEF833001EA

Labeled Streptavidin

Product	Product No.
Streptavidin Fluorescein	NEL720001EA
Streptavidin Texas Red®	NEL721001EA
Streptavidin Coumarin	NEL722001EA
Streptavidin-HRP	NEL750001EA
Streptavidin-AP	NEL751001EA

Chromogens

Product	Application	Product No.
BCIP/NBT Substrate	For detection of Alkaline Phosphatase	NEL937001PK
DAB Substrate	For detection of Horseradish Peroxidase	NEL938001EA

Alkaline Phosphatase Reagents

Product	Product No.
Anti-Rabbit IgG (Goat), AP-Labeled	NEF814001EA
Anti-Mouse IgG (Goat), AP-Labeled	NEF824001EA
Streptavidin- AP Conjugate	NEL751001EA
Anti-fluorescein-AP Conjugate	NEF709001PK
Anti-DNP-AP	FP1131

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Hapten Labeled Deoxynucleotides (25 nmol, for labeling of ISH probes)

Product	Product No.
3-Amino-3-Deoxydigoxigenin-9-dCTP	NEL562001EA
Biotin-11-dATP	NEL540001EA
Biotin-11-dCTP	NEL538001EA
Biotin-11-dGTP	NEL541001EA
Biotin-11-dUTP	NEL539001EA
DNP-11-dUTP	NEL551001EA
Fluorescein-12-dATP	NEL465001EA
Fluorescein-12-dCTP	NEL424001EA
Fluorescein-12-dGTP	NEL429001EA
Fluorescein-12-dUTP	NEL413001EA

Hapten Labeled Ribonucleotides (25 nmol, for labeling of ISH probes)

Product	Product No.
Biotin-11-ATP	NEL544001EA
Biotin-11-CTP	NEL542001EA
Biotin-11-GTP	NEL545001EA
Biotin-11-UT	NEL543001EA
Fluorescein-12-ATP	NEL439001EA
Fluorescein-12-CTP	NEL434001EA
Fluorescein-12-GTP	NEL496001EA
Fluorescein-12-UTP	NEL414001EA

Imaging Instruments and Software

Multispectral Microscopy Imaging Systems

Nuance™ Multispectral Brightfield and Fluorescence Imaging Systems
TRIO™ Multi-label Imaging System for Single Tissue Sections
Vectra™ Intelligent Multispectral Slide Analysis System
InForm™ Advanced Image Analysis Software for Biomarker Quantitation

High Content Screening Systems

Opera® High Content Screening System
Operetta® High Content Imaging System
Acapella® Image Analysis Software for High Content Screening

Confocal Imaging Systems

UltraVIEW® VoX 3D Imaging System
Velocity® 3D Image Analysis Software

High Volume Image Data Management and Analysis System

Columbus® Image Data Management and Analysis System

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