

Store at
4°C

SignalStain® Vivid Purple Peroxidase Substrate Kit

#96632

1 Kit
(1200 slides)

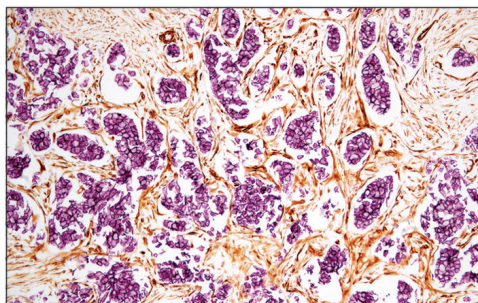
Support: +1-978-867-2388 (U.S.)
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For Research Use Only. Not for Use in Diagnostic Procedures.

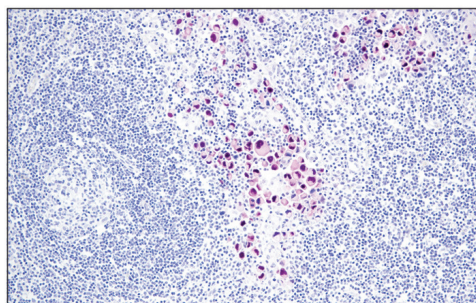
Product Included	Product #	Quantity
SignalStain® Vivid Purple Diluent	24146	120 ml
SignalStain® Vivid Purple Reagent 1	44847	3 ml
SignalStain® Vivid Purple Reagent 2	61191	2.5 ml
SignalStain® Vivid Purple Reagent 3	72016	2.5 ml
SignalStain® Vivid Purple Reagent 4	83874	3 ml

Description: The SignalStain® Vivid Purple Peroxidase Substrate Kit contains all of the necessary reagents to prepare a working solution of Vivid Purple for staining tissue sections. The Vivid Purple working solution reacts with peroxidase (HRP) detection systems such as the SignalStain® Boost IHC Detection Reagents (HRP, Rabbit #8114, HRP, Mouse #8125, HRP, Rat #72838, and HRP, Goat #63707), yielding a purple reaction product that can provide color contrast in pigmented tissues such as melanoma.

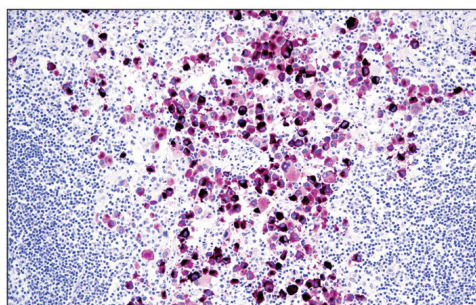


Immunohistochemical analysis of paraffin embedded human breast carcinoma using E-Cadherin (4A2) Mouse mAb #14472 (purple) and Vimentin (D21H3) XP® Rabbit mAb #5741 (brown).

Note: SignalStain® Boost IHC Detection Reagent (HRP, Mouse) #8125 and SignalStain® Vivid Purple Peroxidase Substrate Kit were used to detect E-Cadherin (4A2) Mouse mAb. SignalStain® Boost IHC Detection Reagent (HRP, Rabbit) #8114 and SignalStain® DAB Substrate Kit #8059 were used to detect Vimentin (D21H3) XP® Rabbit mAb.



Immunohistochemical analysis of paraffin-embedded human melanoma using Sox10 (E6B6I) XP® Rabbit mAb #69661.



Immunohistochemical analysis of paraffin-embedded human melanoma using MLANA/MART-1 (E9Q40) XP® Rabbit mAb #64718.

Storage: Substrate kit should be stored at 4°C, protected from light. Each kit is stable for 12 months upon receipt if the reagents are not combined.

Directions for Use:

- To prepare the Vivid Purple working solution, to 5 ml SignalStain® Vivid Purple Diluent add 3 drops SignalStain® Vivid Purple Reagent 1, 3 drops SignalStain® Vivid Purple Reagent 2, 3 drops SignalStain® Vivid Purple Reagent 3, and 3 drops SignalStain® Vivid Purple Reagent 4. Mix well before use.
- After incubation with SignalStain® Boost IHC Detection Reagent or other HRP-based detection systems, wash slides and incubate with the working solution at room temperature for 2-15 minutes. Optimal development time should be determined by the investigator.
- Wash slides for 5 minutes in water.
- Counterstain, if desired.
- Dehydrate, clear and permanently mount in a non-aqueous mounting medium. Do not use recycled alcohols with this product.

Prolonged incubation in alcohol may decrease sensitivity.

Unused working solution is stable up to 14 days if stored at 2-8°C. Working solution may change color during this time with no impact on quality or intensity of the staining. If a precipitate forms, filter through a 0.45 µm filter.

Appropriate personal protective equipment should be worn when handling Vivid Purple. Dispose of in accordance with local regulations.

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Applications: W—Western IP—Immunoprecipitation IHC—Immunohistochemistry CHIP—Chromatin Immunoprecipitation IF—Immunofluorescence F—Flow cytometry FC-FP—Flow cytometry-Fixed/Permeabilized FC-L—Flow cytometry-Live E-P—ELISA-Peptide
Species Cross-Reactivity: H—human M—mouse R—rat Hm—hamster Mk—monkey Mi—mink C—chicken Dm—D. melanogaster X—Xenopus Z—zebrafish B—bovine Dg—dog Pg—pig Sc—S. cerevisiae Ce—C. elegans Hr—Horse
All—all species expected. Species enclosed in parentheses are predicted to react based on 100% homology.