

Store at
4°C

SignalStain® Radiant Yellow Peroxidase Substrate Kit

#69644

1 Kit
(1100 slides)

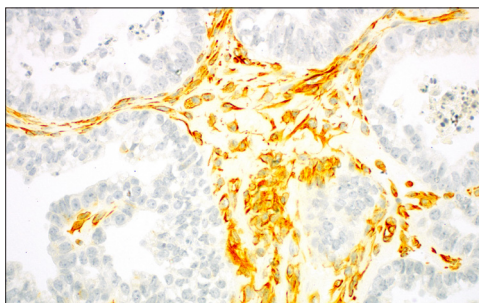
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For Research Use Only. Not For Use In Diagnostic Procedures.

Product Includes	Product #	Quantity
SignalStain® Radiant Yellow Diluent	28340	110 mL
SignalStain® Radiant Yellow Chromogen Concentrate	39959	3 mL

Description: The SignalStain® Radiant Yellow Peroxidase Substrate Kit contains all of the necessary reagents to prepare a working solution of Radiant Yellow for staining tissue sections. The Radiant Yellow working solution is compatible 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 yellow reaction product that can provide color contrast in pigmented tissues such as melanoma.



Immunohistochemical analysis of paraffin-embedded human ovarian carcinoma using Vimentin (D21H3) XP® Rabbit mAb #5741.

Note: Detection was performed with SignalStain® Boost IHC Detection Reagent (HRP, Rabbit) #8114 and SignalStain® Radiant Yellow Peroxidase Substrate Kit.

Storage: Substrate kit should be stored at 4°C, protected from light. Each kit is stable for 6 months upon receipt if the reagents are not combined.

Directions for Use:

- To prepare the Radiant Yellow/HRP chromogen-substrate working solution, add 1 drop SignalStain® Radiant Yellow Chromogen Concentrate to 1 mL SignalStain® Radiant Yellow Diluent. Mix well before use. Working solutions are stable for up to 1 day when stored at 4°C. For optimal results, prepare fresh reagent.
- 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 until staining develops. 8-20 minutes generally provides an acceptable staining intensity.
- Wash slides for 5 minutes in water.
- Counterstain, if desired. Radiant Yellow is compatible with Hematoxylin #14166.
- After rinsing, slides should be air dried and mounted using SignalStain® Aqueous Mounting Medium #27290. Radiant Yellow is not compatible with alcohol. Alternatively, for best color preservation and long-term storage, SignalStain® Mounting Prep Solution #50815 can be used after counterstaining to enable mounting with non-aqueous mounting medium, SignalStain® Mounting Medium #14177.

Appropriate personal protective equipment should be worn when handling Radiant Yellow. 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.