

ImmPACT® DAB EqV Peroxidase Substrate

Cat. No.: SK-4103

Storage: 2-8 °C

DESCRIPTION

The ImmPACT DAB EqV Substrate contains two reagents necessary to prepare a working solution of diaminobenzidine (DAB). In the presence of peroxidase (HRP) enzyme, ImmPACT DAB EqV Substrate produces a brown reaction product.

COMPONENTS

<u>Product Name</u>	<u>Volume</u>
ImmPACT DAB EqV Reagent 1 (Chromogen)	200 ml
ImmPACT DAB EqV Reagent 2 (Diluent)	200 ml

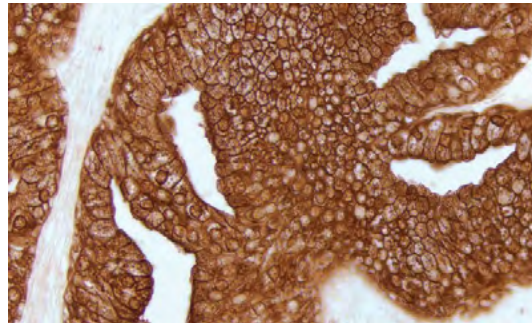
STORAGE:

- Store reagents in original bottles at 2-8 °C
- Avoid storing reagents or working solution in strong direct light

PREPARATION OF SUBSTRATE WORKING SOLUTION:

- Mix an equal volume of ImmPACT DAB EqV Reagent 1 with ImmPACT DAB EqV Reagent 2
- Mix well before use.

IMPORTANT: DAB is a suspected carcinogen. Appropriate care should be exercised when using this reagent including gloves, eye protection, lab coats, and good laboratory procedures. Dispose in accordance with local regulations.



Prostate: Anti-PSA (m) detected with ImmPRESS® Horse Anti-Mouse IgG Kit (HRP) and ImmPACT DAB EqV Substrate (brown). No Counterstain.

INSTRUCTIONS FOR USE:

After incubation with a peroxidase (HRP) detection system, rinse sections in buffer. Incubate tissue sections or cells with the substrate working solution at room temperature for 2-10 minutes. Optimal development times should be determined by the investigator.

Wash for 5 minutes in water.

Counterstain if desired. (See counterstain compatibility chart on reverse side.)

For permanent, non-aqueous mounting: Dehydrate, clear and coverslip using a non-aqueous mounting media, such as VectaMount® Mounting Medium (H-5000).

For aqueous mounting: Coverslip using an aqueous mounting media such as VectaMount AQ Mounting Medium (H-5501).

NOTES

- 1) Working solution is stable for several days if stored at 2-8 °C. If a precipitate forms filter through a 0.45 µm filter.
- 2) It is not necessary or recommended to add detergent to ImmPACT DAB EqV working solution to reduce surface tension (e.g. for use in an automated stainer).
- 3) The DAB reaction product can be intensified using a DAB Enhancing Solution (H-2200) after development.
- 4) This product is not recommended for use on nitrocellulose membranes. Instead use Vector® DAB or ImmPACT DAB.

Detailed product listings, specifications, protocols and additional information is available on our website: vectorlabs.com