**InnVentive DAB EqV Peroxidase Substrate**

**Cat. No.:** SK-4103

**Storage:** 2-8 °C

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

**Components:**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Volume</th>
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<tbody>
<tr>
<td>InnVentive DAB EqV Reagent 1 (Chromogen)</td>
<td>200 ml</td>
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<tr>
<td>InnVentive DAB EqV Reagent 2 (Diluent)</td>
<td>200 ml</td>
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**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 InnVentive DAB EqV Reagent 1 with InnVentive 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.

**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 InnVentive 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 InnVentive DAB.

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