Chromogens
Vivid Color & Clarity for IHC
Horseradish Peroxidase (HRP) chromogens are available in brown, black, green, red or purple. All HRP chromogens are insoluble in alcohol and can be coverslipped with a xylene, non-xylene or toluene-based permanent mounting media.

**Betazoid DAB™**

- Superior stability and intensity
- May increase antibody titers by two fold
- Coconut Brown
- 2-5 minute incubation

**Vina Green™**

- Candy Apple Green
- 5-10 minute incubation

**Romulin AEC™**

- Brick Red
- 5-10 minute incubation

**Deep Space Black™**

- Dark Gray to Black
- 3-5 minute incubation

**Bajoran Purple™**

- Royal Purple
- 2-10 minute incubation

Betazoid DAB™ is superior to conventional DAB for stability and staining intensity. It is insoluble in alcohol or xylene and can be coverslipped just like any other DAB. Developed and available for both manual and automated protocols.

Betazoid DAB staining c-erbB-2 in breast cancer

Vina Green™ is a permanent green chromogen and is clearly distinguishable from Warp Red and DAB on a single slide. Suitable for both immunohistochemistry (IHC) and in situ hybridization (ISH) applications.

Vina Green staining Ki-67 in colon cancer

Romulin AEC™ produces a deep brick red stain and consists of four components: buffer, stabilizer, chromogen and hydrogen peroxide.

Romulin AEC staining Pan Cytokeratin in colon cancer

Deep Space Black™ is a novel permanent chromogen that produces a dark grey to black stain and consists of chromogen and buffer that are stable for 8 hours at room temperature once mixed. Deep Space Black is clearly distinguishable from our other chromogens when used in Multiplex IHC applications.

Deep Space Black staining Ki-67 in colon cancer

Bajoran Purple™ produces a permanent royal-purple stain and can be used in double- and triple-stain procedures and nitrocellulose blots. Bajoran Purple is viewable in both brightfield and darkfield microscopy.

Bajoran Purple staining CK5 in squamous cell carcinoma
Alkaline phosphatase (AP) chromogens are available in red or blue. All AP chromogens can be coverslipped with a non-xylene or toluene-based permanent mounting media. Red AP chromogens can also be coverslipped with xylene based mounting media.

**Warp Red™**
is a faster, sharper and more stable red chromogen for both manual and automated systems. Warp Red is quick and sensitive; providing an accelerated protocol time with consistent staining quality. Its sensitivity is two times greater than standard Fast Red, creating a superior contrast for Multiplex IHC™.

- Bright Fuchsin Red color
- 5 - 7 minute incubation
- Compatible with immunofluorescence

**Ferangi Blue™**
produces a bright royal blue stain and is clearly distinguished from Warp Red and DAB, enabling high flexibility for Multiplex IHC applications. Coverslip with a non-xylene or toluene based permanent mounting media. Developed for both manual and automated systems.

- Bright royal blue color
- 5 - 7 minute incubation
- Enhanced staining signal

**Vulcan Fast Red™**
produces a bright fuchsin-red precipitate that can be viewed by both brightfield and darkfield microscopy. Vulcan Fast Red is available for both manual and automated systems.

- Bright Fuchsin Red color
- 15 - 20 minute incubation
- Compatible with immunofluorescence
# Chromogens

**Vivid Color & Clarity for IHC**

1. **Betazoid DAB Chromogen** staining c-erbB-2 in breast cancer
2. **Vina Green Chromogen** staining Ki-67 in colon cancer
3. **Romulin AEC** staining colon cancer with Pan Cytokeratin
4. **Deep Space Black™** Chromogen staining Ki-67 in colon cancer
5. **Bajoran Purple Chromogen** staining CK5 in squamous cell carcinoma
6. **Warp Red™** Chromogen staining PIN-4™ antigens with 5 minutes incubation
7. **Ferangi Blue™** Chromogen staining CK8/18 in colon cancer
8. **Vulcan Fast Red Chromogen** staining S100 in melanoma

## Ordering Information

<table>
<thead>
<tr>
<th>HRP Chromogens</th>
<th>Color</th>
<th>Cat. No.</th>
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<tbody>
<tr>
<td>Betazoid DAB</td>
<td>Brown</td>
<td>BDB2004 H, L, MM</td>
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<tr>
<td>intelliPATH™ DAB Chromogen Kit</td>
<td>Brown</td>
<td>IPK5010 G80</td>
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<td>Deep Space Black™</td>
<td>Black</td>
<td>BRI4015 H, L</td>
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<td>Vina Green</td>
<td>Green</td>
<td>BRR807 AH, AS</td>
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<td>Romulin AEC</td>
<td>Red</td>
<td>RAEC810 L, M</td>
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<td>Bajoran Purple</td>
<td>Purple</td>
<td>BJP811 L</td>
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<th>AP Chromogens</th>
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<tr>
<td>Warp Red™ Kit</td>
<td>Fuchsin Red</td>
<td>WR806 H, S</td>
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<tr>
<td>intelliPATH™ Warp Red™ Kit</td>
<td>Fuchsin Red</td>
<td>IPK5024 G80</td>
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<td>Ferangi Blue™ Kit 2</td>
<td>Blue</td>
<td>FB813 H, S</td>
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<td>intelliPATH™ Ferangi Blue™ Kit 2</td>
<td>Blue</td>
<td>IPK5027 G20</td>
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<td>Vulcan Fast Red</td>
<td>Fuchsin Red</td>
<td>FR805 H, S, M, 5L</td>
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<tr>
<td>intelliPATH™ Fast Red Kit</td>
<td>Fuchsin Red</td>
<td>IPK5017 G80</td>
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<th>Enhancements</th>
<th>Description</th>
<th>Cat. No.</th>
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<tr>
<td>DAB Sparkle™</td>
<td>Increase sensitivity and contrast</td>
<td>DS830 H, L, M</td>
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