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™**
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.

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

**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 hybridisation (ISH) applications.

- Candy Apple Green
- 5-10 minute incubation
- 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.

- Brick Red
- 5-10 minute incubation
- 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.

- Dark Gray to Black
- 3-5 minute incubation
- 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.

- Royal Purple
- 2-10 minute incubation
- 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 colour
- 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 colour
- 5 - 7 minute incubation
- Enhanced staining signal

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

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

**Vivid Colour & Clarity for IHC**

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

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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 CKB18 in colon cancer
8. Vulcan Fast Red Chromogen staining S100 in melanoma

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Wharfedale Road, Winnersh, Wokingham, Berkshire, RG41 5RA
Tel: 0118 944 4100  Fax: 0118 944 4111
Email: enquiries@menarindiag.co.uk
www.totaltissuediagnostic.com