Glycosylated Hemoglobin Kit
Ion Exchange Resin Method

Intended Use:
Glycosylated hemoglobin (GHb) reflects the mean glucose level over an extended period of time and thus GHb the metabolic control of glucose level over a period of time unaffected by diet, insulin, other drugs or exercise on the day of testing. GHb is now widely recognized as an important test for the diagnosis of diabetes mellitus and is a reliable indicator of the efficacy of therapy. Glycosylated Hemoglobin kit uses ion exchange resin method to determine glycohemoglobin in blood.

Glycosylated Hemoglobin Kit components:
- Tubes: Ion exchange resin (Predispensed tubes), ready to use
- Reagent 1: Lysing Reagent
- Control: Control (10 % GHb)
- Separators: Resin Separators
- Other Accessories: Package Insert

Linearity:
The procedure is linear in the range between 4.0 % to 20.0 %

**FEATURES**
- Well Characterized GHb calibrator included in the kit
- Borate enhanced lysing reagent and resin
- Predisposed resin tubes
- Resin in zwitter ionic buffered medium
- Excellent linearity
- Consistent performance
- Convenient reporting
- Rapid - less than 10 minutes

**BENEFITS**
- Lot specific ratios derivable
- Lot to lot consistency of results
- Two stage removal of schiffs base Aldimine Forms
- Minimizes over-estimation errors
- Assurance of constant resin volume
- Relative temperature independence of assay
- 4-20 % of GHb
- Low intra and inter assay CV's
- Conversion charts provided for converting GHb to HbA1C and MBG values
- Very convenient addition Sequence

**Storage / Stability**

<table>
<thead>
<tr>
<th></th>
<th>Temperature</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>Unopened kit</td>
<td>2-8°C</td>
<td>18 months</td>
</tr>
<tr>
<td>Opened Kit (Unmixed)</td>
<td>2-8°C</td>
<td>7 days</td>
</tr>
<tr>
<td>In use stability</td>
<td>-20°C</td>
<td>4 weeks</td>
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</tbody>
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**Available Pack Sizes**

<table>
<thead>
<tr>
<th></th>
<th>10 Tests</th>
<th>25 Tests</th>
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</thead>
<tbody>
<tr>
<td><strong>Glucostat</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>HbA1C</strong></td>
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<tr>
<td><strong>MBG</strong></td>
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**High linearity and Reproducibility**