Faecal Testing

Kyowa Medex Automated Faecal Immunochemical Testing System

The Automated Quantitative Faecal Immunochemical Testing system from Kyowa Medex integrates Analyser technology, with Reagent and Collection device (ARC), to provide a rapid and consistent, high throughput solution for both screening and symptomatic Faecal Occult Blood testing.

- HM-JACKarc state-of-the-art automated analyser
- Dedicated, sensitive, latex agglutination reagents
- Bespoke faecal sample tube

**HM-JACKarc Analyser**

The HM-JACKarc analyser is a compact bench top system that uses Integrated Sphere Latex Turbidimetry to measure faecal haemoglobin concentration.

It has advanced innovative software with touch screen technology, providing a very easy to use interface. There is minimal depth to the programme menus, ensuring quick access to operating screens. The system can be utilised by all grades of staff with minimal training. Different levels of user access authority provide security, so that only advanced users can amend settings etc.

HM-JACKarc has been designed to provide rapid results with maximum convenience for the operator.

The ability to load up to 80 samples at any one time provides walk away capability and enhanced productivity. Additional consumables and samples (up to a total maximum of 80) can be added at any time during the testing process.

HM-JACKarc has a time to first result of just 5.6 minutes with additional results every 18 seconds, generating up to 200 results per hour.

The technology and software ensures that the system can be used in either screening or symptomatic assessment applications, since cut-off concentrations can be selected depending upon requirements.

**Key features:**

- Sensitivity: 7 ng/mL
- Easy to use sample tube
- Fully automated
- Compact and light
- No prozone effect up to 200,000 ng/mL
- High speed performance: 200 samples/hour

Simple set up of reagents and samples

Press START

Results in just 5.6 minutes
Faecal Testing

Pricing and Online Ordering at www.alphalabs.co.uk

email order sales@alphalabs.co.uk
freefax order 0800 614249

Faecal Testing

Extel “HemoAuto HS” Reagent
The latex reagent is composed of consistently sized latex particles. The polyclonal antibodies bound to the surface of the latex in high concentrations ensure a very high antigen capture ratio.

This achieves two key benefits:

- A wide linear dynamic assay range (7 ng/ml to 400 ng/ml)
- A very high hook capacity (200,000 ng/ml of haemoglobin) so that it still generates a result for samples higher than the top standard, ensuring no patient is given an artificially low result.

Extel “HemoAuto HS” Reagent

HemoAuto MC Collection Picker
As with any method, the pre-analytical component is key to result accuracy.

Sample size and consistency have always been an issue with faecal testing, but with the new collection picker for the HM-JACKarc, this is made easier for those taking the sample, irrespective of whether this is done by a laboratory professional or by the patient.

- Screw in picking stick, 95kPa compliant vial
- Hexagonal hole and rubber septum enables accurate collection of the faeces
- Seal and collection indicator window confirms usage
- Collection picker is loaded directly onto the HM-JACKarc

<table>
<thead>
<tr>
<th>HM-JACKarc Analyser + Barcode reader</th>
<th>Pack Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalogue Number</td>
<td>Description</td>
</tr>
<tr>
<td>057562</td>
<td>HM-JACKarc Analyser</td>
</tr>
<tr>
<td>058093</td>
<td>EXTEL HEMO AUTO HS Latex</td>
</tr>
<tr>
<td>058094</td>
<td>EXTEL HEMO AUTO HS Calibrator</td>
</tr>
<tr>
<td>058095</td>
<td>EXTEL HEMO AUTO HS Control</td>
</tr>
<tr>
<td>052352</td>
<td>EXTEL HEMO AUTO Buffer</td>
</tr>
<tr>
<td>05198</td>
<td>EXTEL HEMO AUTO MC Collection Picker</td>
</tr>
<tr>
<td>053150</td>
<td>HM-JACK Reaction Cell</td>
</tr>
<tr>
<td>053151</td>
<td>HM-JACK Sample Cup</td>
</tr>
<tr>
<td>057848</td>
<td>HM-JACK Print Paper A</td>
</tr>
<tr>
<td>052404</td>
<td>Wash Liquid (Auto Detergent H)</td>
</tr>
</tbody>
</table>

Kyowa Medex Co., Ltd

Automated Quantitative Faecal Immunochemical Testing (gFIT)