Intended Use
The Thyroxine calibrators are intended for in vitro diagnostic use for the calibration of DRI® Thyroxine Enzyme Immunoassay.¹

Description of the Calibrators
The Thyroxine calibrators are prepared by spiking a known quantity of Thyroxine in human serum with sodium azide as a preservative. Each calibrator kit contains the following calibrators:

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 μg/dL</td>
<td>1 x 2 mL</td>
</tr>
<tr>
<td>2 μg/dL</td>
<td>1 x 2 mL</td>
</tr>
<tr>
<td>4 μg/dL</td>
<td>1 x 2 mL</td>
</tr>
<tr>
<td>8 μg/dL</td>
<td>1 x 2 mL</td>
</tr>
<tr>
<td>12 μg/dL</td>
<td>1 x 2 mL</td>
</tr>
<tr>
<td>20 μg/dL</td>
<td>1 x 2 mL</td>
</tr>
</tbody>
</table>

Precautions and Warning
The Thyroxine Calibrators are harmful if swallowed.

The source material used in the preparation of this product was found non-reactive for the presence of HBsAg and antibody to HIV. Because no known method can offer complete assurance that HBsAg, HIV or other infectious agents are absent, all human blood-based products should be handled as if they are potentially infectious.²

Do not use the calibrators and controls beyond their expiration dates.

WARNING: DRI Thyroxine Calibrator contains ≤0.10% sodium azide.
EUH032 - Contact with acids liberates very toxic gas.

Reagents used in this assay contain 0.1% sodium azide. Avoid contact with skin and mucous membranes. Flush affected areas with copious amounts of water. Get immediate medical attention for eyes, or if ingested. Sodium azide may react with lead or copper plumbing to form potentially explosive metal azides. When disposing of such reagents, always flush with large volumes of water to prevent azide build-up. Clean exposed metal surfaces with 10% sodium hydroxide.

Calibrator Preparation and Storage
The Calibrators are ready for use. No calibrator preparation is required.

The calibrators should be stored refrigerated at 2° to 8°C.

Assay Procedure
For procedural instruction, refer to the Thyroxine (T4) Enzyme Immunoassay package insert.

Limitations
The Thyroxine calibrators are designed for use in enzyme immunoassay to detect Thyroxine in human serum or plasma only.

Quality Control
All quality control requirements should be performed in conformance with local, state and/or federal regulations or accreditation requirements.

Bibliography
1. DRI Thyroxine Enzyme Immunoassay Package Insert.
2. Center for Disease Control/National Institute of Health manual “Biosafety in Microbiological and Biomedical Laboratories”. 1988

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