<h1 style="font-family:Calibri; font-size:16pt;">{{kit\_name}}</h1>  
  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;">  
<strong>CATALOG NO:</strong> {{catalog\_number}} &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<strong>LOT NO:</strong> {{lot\_number}}  
</p>  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">INTENDED USE</h2>  
  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;">{{intended\_use}}</p>  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">{{background\_title}}</h2>  
  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;">{{background\_text}}</p>  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">PRINCIPLE OF THE ASSAY</h2>  
  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;">{{principle\_of\_assay}}</p>  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">SPECIFICATION</h2>  
  
{% if specifications %}  
<table style="font-family:Calibri; font-size:11pt; border-collapse:collapse; width:100%; line-height:1.15;">  
 <tr>  
 <td style="padding:5px; vertical-align:top;"><strong>Sensitivity</strong></td>  
 <td style="padding:5px; vertical-align:top;">{{sensitivity}}</td>  
 </tr>  
 <tr>  
 <td style="padding:5px; vertical-align:top;"><strong>Detection Range</strong></td>  
 <td style="padding:5px; vertical-align:top;">{{detection\_range}}</td>  
 </tr>  
 <tr>  
 <td style="padding:5px; vertical-align:top;"><strong>Specificity</strong></td>  
 <td style="padding:5px; vertical-align:top;">{{specificity}}</td>  
 </tr>  
 <tr>  
 <td style="padding:5px; vertical-align:top;"><strong>Standard</strong></td>  
 <td style="padding:5px; vertical-align:top;">{{standard}}</td>  
 </tr>  
 <tr>  
 <td style="padding:5px; vertical-align:top;"><strong>Cross-reactivity</strong></td>  
 <td style="padding:5px; vertical-align:top;">{{cross\_reactivity}}</td>  
 </tr>  
</table>  
{% endif %}  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">REAGENTS</h2>  
  
{% if reagents %}  
<table style="font-family:Calibri; font-size:11pt; border-collapse:collapse; width:100%; border:1px solid #000; line-height:1.15;">  
 <tr>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>Description</strong></th>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>Quantity</strong></th>  
 </tr>  
 {% for reagent in reagents %}  
 <tr>  
 <td style="border:1px solid #000; padding:5px;">{{reagent.name}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{reagent.quantity}}</td>  
 </tr>  
 {% endfor %}  
</table>  
{% endif %}  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">MATERIALS REQUIRED BUT NOT PROVIDED</h2>  
  
{% if required\_materials %}  
<ul style="font-family:Calibri; font-size:11pt; line-height:1.15;">  
 {% for item in required\_materials.split('\n') %}  
 <li>{{item}}</li>  
 {% endfor %}  
</ul>  
{% endif %}  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">{{standard\_curve\_title}}</h2>  
  
{% if standard\_curve %}  
<table style="font-family:Calibri; font-size:11pt; border-collapse:collapse; width:50%; border:1px solid #000; line-height:1.15;">  
 <tr>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>Concentration(pg/ml)</strong></th>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>O.D.</strong></th>  
 </tr>  
 {% for item in standard\_curve\_table %}  
 <tr>  
 <td style="border:1px solid #000; padding:5px;">{{item.concentration}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{item.od\_value}}</td>  
 </tr>  
 {% endfor %}  
</table>  
{% endif %}  
  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;"><strong>Typical Standard Curve</strong></p>  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;">This standard curve was generated for demonstration purpose only. A standard curve must be run with each assay.</p>  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">INTRA/INTER ASSAY VARIABILITY</h2>  
  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;">Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.</p>  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;">Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.</p>  
  
{% if intra\_assay or inter\_assay %}  
<table style="font-family:Calibri; font-size:11pt; border-collapse:collapse; width:100%; border:1px solid #000; line-height:1.15;">  
 <tr>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;" colspan="4"><strong>Intra-Assay Precision</strong></th>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;" colspan="4"><strong>Inter-Assay Precision</strong></th>  
 </tr>  
 <tr>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>Sample</strong></th>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>1</strong></th>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>2</strong></th>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>3</strong></th>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>1</strong></th>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>2</strong></th>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>3</strong></th>  
 </tr>  
 {% if intra\_assay and inter\_assay %}  
 <tr>  
 <td style="border:1px solid #000; padding:5px;"><strong>n</strong></td>  
 <td style="border:1px solid #000; padding:5px;">{{intra\_assay.n}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{intra\_assay.n}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{intra\_assay.n}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{inter\_assay.n}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{inter\_assay.n}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{inter\_assay.n}}</td>  
 </tr>  
 <tr>  
 <td style="border:1px solid #000; padding:5px;"><strong>Mean(pg/ml)</strong></td>  
 <td style="border:1px solid #000; padding:5px;">{{intra\_assay.mean}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{intra\_assay.mean}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{intra\_assay.mean}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{inter\_assay.mean}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{inter\_assay.mean}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{inter\_assay.mean}}</td>  
 </tr>  
 <tr>  
 <td style="border:1px solid #000; padding:5px;"><strong>Standard deviation</strong></td>  
 <td style="border:1px solid #000; padding:5px;">{{intra\_assay.std\_dev}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{intra\_assay.std\_dev}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{intra\_assay.std\_dev}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{inter\_assay.std\_dev}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{inter\_assay.std\_dev}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{inter\_assay.std\_dev}}</td>  
 </tr>  
 <tr>  
 <td style="border:1px solid #000; padding:5px;"><strong>CV(%)</strong></td>  
 <td style="border:1px solid #000; padding:5px;">{{intra\_assay.cv}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{intra\_assay.cv}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{intra\_assay.cv}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{inter\_assay.cv}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{inter\_assay.cv}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{inter\_assay.cv}}</td>  
 </tr>  
 {% endif %}  
</table>  
{% endif %}  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">REPRODUCIBILITY</h2>  
  
{% if reproducibility %}  
<table style="font-family:Calibri; font-size:11pt; border-collapse:collapse; width:100%; border:1px solid #000; line-height:1.15;">  
 <tr>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>Sample</strong></th>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>Value</strong></th>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>Added</strong></th>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>Expected</strong></th>  
 <th style="border:1px solid #000; padding:5px; background-color:#f0f0f0;"><strong>Recovery%</strong></th>  
 </tr>  
 {% for item in reproducibility %}  
 <tr>  
 <td style="border:1px solid #000; padding:5px;">{{item.sample}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{item.value}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{item.added}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{item.expected}}</td>  
 <td style="border:1px solid #000; padding:5px;">{{item.recovery}}</td>  
 </tr>  
 {% endfor %}  
</table>  
{% endif %}  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">PROCEDURAL NOTES</h2>  
  
{% if procedural\_notes %}  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;">{{procedural\_notes}}</p>  
{% endif %}  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">REAGENT PREPARATION AND STORAGE</h2>  
  
{% if reagent\_preparation %}  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;">{{reagent\_preparation}}</p>  
{% endif %}  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">DILUTION OF STANDARD</h2>  
  
{% if standard\_dilution %}  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;">{{standard\_dilution}}</p>  
{% endif %}  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">SAMPLE PREPARATION AND STORAGE</h2>  
  
{% if sample\_preparation %}  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;">{{sample\_preparation}}</p>  
{% endif %}  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">SAMPLE COLLECTION NOTES</h2>  
  
{% if sample\_collection\_notes %}  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;">{{sample\_collection\_notes}}</p>  
{% endif %}  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">SAMPLE DILUTION GUIDELINE</h2>  
  
{% if sample\_dilution\_guideline %}  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;">{{sample\_dilution\_guideline}}</p>  
{% endif %}  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">ASSAY PROTOCOL</h2>  
  
{% if assay\_protocol %}  
<ol style="font-family:Calibri; font-size:11pt; line-height:1.15;">  
 {% for step in assay\_protocol %}  
 <li>{{step}}</li>  
 {% endfor %}  
</ol>  
{% endif %}  
  
<h2 style="font-family:Calibri; font-size:12pt; color:#0070C0; line-height:1.15;">DATA ANALYSIS</h2>  
  
{% if data\_analysis %}  
<p style="font-family:Calibri; font-size:11pt; line-height:1.15;">{{data\_analysis}}</p>  
{% endif %}  
  
<div style="position:fixed; bottom:0; left:0; width:100%; text-align:center; font-family:Calibri; font-size:9pt; color:#666666; line-height:1.15;">  
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</div>