MyTaq™ Red Mix

For Research Use Only

<table>
<thead>
<tr>
<th>Analysis</th>
<th>Specification</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Functional</td>
<td>Fragments of sizes 380bp, 525bp, 844bp and 1300bp are amplified with a dilution series of human genomic DNA, using standard conditions and 35 cycles. Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).</td>
<td>Passed</td>
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<tr>
<td>DNA contamination</td>
<td>Quantitative PCR analysis with no template. Presence of <em>E. coli</em> and mouse genomic DNA checked. Test sample must amplify in line with a reference sample.</td>
<td>Passed</td>
</tr>
<tr>
<td>DNase contamination</td>
<td>Incubation of a 1Kb double stranded DNA fragment. Incubation for 4 hours at 37°C with dilution series of DNase I. Analysed by agarose gel electrophoresis. Test sample must show less degradation than the limit of detection 2.5 x 10^{-3} U DNase.</td>
<td>Passed</td>
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</tbody>
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