Ferret Orthologue of *Homo sapiens* TLR2, Reverse Primer

**Catalog No. NR-8124**

This reagent is the tangible property of the U.S. Government.

**For research use only. Not for human use.**

**Contributor:**

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**Product Description:**

NR-8124 pairs with NR-8123 to amplify the ferret (*Mustela putoris furo*) orthologue of *Homo sapiens* TLR2 (toll-like receptor 2), (NCBI GeneID: 7097). Primer sequence and properties for NR-8124 are shown in Table 1.

**Material Provided:**

Each vial contains lyophilized oligonucleotide primer. The total primer content for each vial is shown on the Certificate of Analysis.

**Packaging/Storage:**

Primers were packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C upon arrival. Reconstituted primer should also be stored at -20°C. Freeze-thaw cycles should be minimized.

**Citation:**

Acknowledgment for publications should read “The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Ferret Orthologue of *Homo sapiens* TLR2, Reverse Primer, NR-8124.”

**Biosafety Level: 1**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. *Biosafety in Microbiological and Biomedical Laboratories*, 5th ed.

**Table 1**

<table>
<thead>
<tr>
<th>Sequence</th>
<th>Length (nucleotides)</th>
<th>Molecular Weight (g/mole)</th>
<th>ε&lt;sub&gt;260&lt;/sub&gt; [L/(mole)(cm)]</th>
<th>Tm (°C)</th>
<th>GC Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>5'-GTGTCATTATCTCTCCGCAGCTT-3'</td>
<td>23</td>
<td>6971.65</td>
<td>201157.8</td>
<td>60.99</td>
<td>44%</td>
</tr>
</tbody>
</table>