Ferret Orthologue of *Homo sapiens* STAT3, Reverse Primer

**Catalog No. NR-8122**

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

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

**Contributor:**
David J. Kelvin, Ph.D., Head, Division of Experimental Therapeutics Toronto General Research Institute, Toronto, Ontario, Canada

**Product Description:**
NR-8122 pairs with NR-8121 to amplify the ferret (*Mustela putorius furo*) orthologue of *Homo sapiens* STAT3 (signal transducer and activator of transcription 3 (acute-phase response factor)), (NCBI GeneID: 6774).¹

Primer sequence and properties for NR-8122 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* STAT3, Reverse Primer, NR-8122.”

**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.

**Use Restrictions:**
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**References:**

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### Table 1

<table>
<thead>
<tr>
<th>Sequence</th>
<th>Length (nucleotides)</th>
<th>Molecular Weight (g/mole)</th>
<th>ε&lt;sub&gt;280&lt;/sub&gt; [L/(mole)(cm)]</th>
<th>T&lt;sub&gt;m&lt;/sub&gt; (°C)</th>
<th>GC Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’-AGCCCGCAGTAATCTGACACC-3’</td>
<td>20</td>
<td>6030.96</td>
<td>189952.7</td>
<td>62.45</td>
<td>55%</td>
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