Product Information Sheet for NR-8109

Ferret Orthologue of *Homo sapiens* CRLF2, Forward Primer

**Catalog No. NR-8109**
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-8109 pairs with NR-8110 to amplify the ferret (*Mustela putorius furo*) orthologue of *Homo sapiens* CRLF2 (cytokine receptor-like factor 2), (NCBI GeneID: 64109). Primer sequence and properties for NR-8109 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* CRLF2, Forward Primer, NR-8109.”

**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.

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**References:**

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<table>
<thead>
<tr>
<th>Sequence</th>
<th>Length (nucleotides)</th>
<th>molecular Weight (g/mole)</th>
<th>( \varepsilon_{260} ) [L/(mole)(cm)]</th>
<th>( T_m ) (°C)</th>
<th>GC Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’-GGCTTGATGCTGAGAAATGGT-3’</td>
<td>22</td>
<td>6845.56</td>
<td>220817.9</td>
<td>60.81</td>
<td>45%</td>
</tr>
</tbody>
</table>

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