Product Information Sheet for NR-8099

Ferret Orthologue of Homo sapiens CD4, Forward Primer

Catalog No. NR-8099
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-8099 pairs with NR-8100 to amplify the ferret (Mustela putoris furo) orthologue of Homo sapiens CD4 (CD4 molecule) (NCBI GeneID: 920). Primer sequence and properties for NR-8099 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 CD4, Forward Primer, NR-8099."

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 1

<table>
<thead>
<tr>
<th>Sequence</th>
<th>Length (nucleotides)</th>
<th>Molecular Weight (g/mole)</th>
<th>ε₂₅₀ [L/(mole)(cm)]</th>
<th>Tm (°C)</th>
<th>GC Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>5’-CCAAAGCTTTGGCCATTGTG-3’</td>
<td>21</td>
<td>6397.23</td>
<td>193895.4</td>
<td>62.57</td>
<td>52%</td>
</tr>
</tbody>
</table>

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