Product Information Sheet for NR-8101

Ferret Orthologue of *Homo sapiens* CD8, Forward Primer

Catalog No. NR-8101
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-8101 pairs with NR-8102 to amplify the ferret (*Mustela putorius furo*) orthologue of *Homo sapiens* CD8 (CD8A) (NCBI GenID: 925).  

Primer sequence and properties for NR-8101 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* CD8, Forward Primer, NR-8101.”

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>$\varepsilon_{260}$ [L/(mole)(cm)]</th>
<th>Tm (°C)</th>
<th>GC Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>5'-GGTCCCTTACTGTCACTGGTCATC-3'</td>
<td>25</td>
<td>7575.01</td>
<td>216812.9</td>
<td>66.22</td>
<td>52%</td>
</tr>
</tbody>
</table>

Disclaimers:
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References:

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