Monoclonal Anti-Shiga Toxin Type 2 Subunit B, Clone 1E8-A6 (produced \textit{in vitro})

Catalog No. NR-51208
This reagent is the tangible property of the U.S. Government.

Product Description: Antibody Class: IgG1κ
Mouse monoclonal antibody to a recombinant form of the B subunit of Shiga-like toxin type 2 (Stx2) was produced in clone 1E8-A6 hybridoma and purified by protein G affinity chromatography.

Lot: 70013900 Manufacturing Date: 09MAY2018

<table>
<thead>
<tr>
<th>TEST</th>
<th>SPECIFICATIONS</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antibody Class Determination</td>
<td>IgG1κ</td>
<td>IgG1κ</td>
</tr>
<tr>
<td>Agilent\textsuperscript{®} Protein 230 Analysis</td>
<td>Correct molecular weight (MW) for heavy and light chains Report results</td>
<td>Correct MW for heavy and light chains (Figure 1) 88.9% pure</td>
</tr>
<tr>
<td>Concentration by Spectrophotometer at OD\textsubscript{280}</td>
<td>Report results</td>
<td>1.0 mg/mL</td>
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<tr>
<td>Sterility</td>
<td>0.22 µm filter-sterilized</td>
<td>0.22 µm filter-sterilized</td>
</tr>
</tbody>
</table>

Figure 1: Agilent\textsuperscript{®} Protein 230 Analysis

Lane 1: Agilent\textsuperscript{®} Protein 230 Ladder
Lane 2: NR-51208

/Heather Couch/
Heather Couch                   09 OCT 2018
Program Manager or designee, ATCC Federal Solutions

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