## Preparent® CF (149 and 600 mutations)

<table>
<thead>
<tr>
<th>Disorder</th>
<th>Gene</th>
<th>Variants</th>
<th>Ethnicity</th>
<th>Carrier Frequency</th>
<th>Detection Rate</th>
<th>Residual Risk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cystic fibrosis</td>
<td><em>CFTR</em></td>
<td>See Variants Tested on page 2</td>
<td>Ashkenazi Jewish</td>
<td>1 in 24</td>
<td>99%</td>
<td>1 in 2301</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Asian</td>
<td>1 in 94</td>
<td>56%</td>
<td>1 in 212</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>African American/Black</td>
<td>1 in 61</td>
<td>82%</td>
<td>1 in 334</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Caucasian/White</td>
<td>1 in 25</td>
<td>95%</td>
<td>1 in 481</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Hispanic</td>
<td>1 in 58</td>
<td>84%</td>
<td>1 in 357</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Other or Mixed Ethnicity</td>
<td>1 in 30</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*The 600-mutation assay includes rare but clinically relevant mutations. Detection rates and residual risk calculations for this assay are consistent with the assay comprised of 149 mutations.*
Variants Tested

Cystic Fibrosis (149 mutations):
- Variants Tested
- Preparent® CF (149 and 600 mutations)
- Variants Tested

Cystic Fibrosis (600 mutations):
- Variants Tested
- Preparent® CF (149 and 600 mutations)
- Variants Tested

Cystic Fibrosis (600 mutations):
- Variants Tested
- Preparent® CF (149 and 600 mutations)
- Variants Tested

Cystic Fibrosis (149 mutations):
- Variants Tested
- Preparent® CF (149 and 600 mutations)
- Variants Tested

Variants Tested

Preparent® CF (149 and 600 mutations)
Preparent® CF (149 and 600 mutations)

Test References