



**TECHNICAL NOTE # 10-005**

RE: INTROL<sup>®</sup> CF Panel I Control v.02 (p/n: G106ac)  
 ASSAY: GenMark's eSensor<sup>®</sup> Cystic Fibrosis Genotyping Test (IVD)  
 DATE: 03/29/19

Use of the INTROL<sup>®</sup> CF Panel I Control v.02 on GenMark's eSensor<sup>®</sup> Cystic Fibrosis Genotyping Test may require a 1:100 dilution of the extracted control with DNase-free H<sub>2</sub>O prior to testing, depending on the extraction method used. Please consult with Maine Molecular Quality Controls, Inc. for assistance at 207-885-1072 Ext 1.

Below is a table indicating the expected calls for INTROL<sup>®</sup> CF Panel I Control v.02 when tested by the eSensor<sup>®</sup> Cystic Fibrosis Genotyping Test.

<u>Mutation</u>	<u>Bottle a Call</u>	<u>Bottle b Call</u>	<u>Bottle c Call</u>
<b>1717-1G&gt;A</b>	WT	<b>MUT</b>	WT
<b>1898+1G&gt;A</b>	WT	<b>MUT</b>	WT
<b>2184delA</b>	WT	<b>MUT</b>	WT
<b>2789+5G&gt;A</b>	WT	<b>MUT</b>	WT
<b>3120+1G&gt;A</b>	WT	<b>MUT</b>	WT
<b>3659delC</b>	WT	<b>MUT</b>	WT
<b>3849+10kbC&gt;T</b>	WT	<b>MUT</b>	WT
<b>621+1G&gt;T</b>	WT	<b>MUT</b>	WT
<b>711+1G&gt;T</b>	WT	<b>MUT</b>	WT
<b>A455E</b>	WT	<b>MUT</b>	WT
<b>R117H</b>	WT	WT	<b>HET</b>
<b>5/7/9T</b>	7T / 7T	9T / 9T	<b>5T / 7T</b>
<b>DeltaI507</b>	WT	WT	<b>HET</b>
<b>DeltaF508</b>	WT	<b>MUT</b>	WT
<b>G542X</b>	WT	<b>MUT</b>	WT
<b>G551D</b>	WT	<b>MUT</b>	WT
<b>G85E</b>	WT	<b>MUT</b>	WT
<b>R553X</b>	WT	WT	<b>HET</b>
<b>N1303K</b>	WT	<b>MUT</b>	WT
<b>R1162X</b>	WT	<b>MUT</b>	WT
<b>R334W</b>	WT	<b>MUT</b>	WT
<b>R347P</b>	WT	<b>MUT</b>	WT
<b>R560T</b>	WT	<b>MUT</b>	WT
<b>W1282X</b>	WT	<b>MUT</b>	WT

Sincerely,  
 Maine Molecular Quality Controls, Inc.  
 www.mmqci.com