

# Tg(App) Multiplex TaqMan Assay - 400/150nM

Date:

Number of Reactions: 76

11 27673-5300 LMV 3H 4/28/08

4 27688-5301 LMV 3G END

## Stock No. 004661

Reaction Conditions:	Vol. per rxn	Tot. volume	[working]	
2X Universal Master Mix	10	760	1X	
40µM oIMR5260	0.25	19	400nM	
40µM oIMR5261	0.25	19	400nM	
40µM oIMR1544	0.25	19	400nM	
40µM oIMR1545	0.25	19	400nM	
5µM TmIMR076	0.75	57	150nM	Cycling 50C 2 min 95C 10 min 95C 15 sec* 60C 1 min* *40 cycles
5µM TmIMR023	0.75	57	150nM	
Water	2.5	190		
	<b>15</b>	1140		
DNA	10	760		
	25	1900		

**oIMR 1544** 5' - CAC gTg ggC TCC AgC ATT - 3' Apob Taqman control forward primer from Renee

**oIMR 1545** 5' - TCA CCA gTC ATT TCT gCC TTT g - 3' Apob Taqman control reverse primer from Renee.

**TmIMR023** Vic - CCA Atg gTC ggg CAC TgC TCA A - Tamra Apob control, similar in application to Ngf.

This probe is used with oIMR1544 and oIMR 1545.

**oIMR5260** 5'-Tgg gTT CAA ACA AAg gTg CAA -3'

**oIMR5261** 5'-gAT gAA gAT CAC TgT CgC TAT gAC -3' **4661 App** Use with TmIMR076 for qPCR analysis. Desinged by Don 7 -11-06 TB.

**TmIMR076** 6FAM-CAT Tgg ACT CAT ggT ggg Cgg Tg-TAmra **4661 App** use with oIMR5260 and 5261. Designed by Don 7-11-06 TB.

	1	2	3	4	5	6	7	8	9	10	11	12	
<b>A</b>	1 1low :50			1 1:100			1 1:200			1 1:400			<b>12</b>
<b>B</b>	1			2			3			4			<b>24</b>
<b>C</b>	5			6			7						<b>36</b>
<b>D</b>													<b>48</b>
<b>E</b>													<b>60</b>
<b>F</b>													<b>72</b>
<b>G</b>													<b>84</b>
<b>H</b>	Nor m			Nor m			Low			low			<b>96</b>
	8	16	24	32	40	48	56	64	72	80	88	96	