

IMPORTANT PRODUCT INFORMATION BULLETIN
AmpliSens® *Streptococcus agalactiae*-screen-titre-FRT PCR kit
variant FRT-100 F

REF R-B77-100-FT(RG,iQ)-CE

LOT

Test settings for rotor-type instruments**Rotor-Gene 3000, Rotor-Gene 6000**

Channel	Calibrate/Gain Optimisation...	Threshold	Dynamic tube	Slope Correct	More Settings/Outlier Removal
FAM/Green	From 5 FL to 10 FL	0.03	on	on	10 %
JOE/Yellow	From 5 FL to 10 FL	0.03	on	on	10 %
ROX/Orange	From 5 FL to 10 FL	0.03	on	on	10 %

Test settings for plate-type instruments**iCycler iQ, iCycler iQ5**

Channel	Threshold
FAM, JOE/HEX, ROX	For each channel check that automatic threshold line setting is correct. Normally, the threshold line should intercept only sigmoid curves of fluorescence accumulation for positive samples and controls and it should not intercept the basal line. If otherwise, increase the threshold level by pressing Log View button and set the threshold to the level where fluorescence curves have linear shape and do not intercept negative samples curves

Boundary Ct values

Sample	Rotor-type instruments			Plate-type instruments		
	Channel for fluorophore					
	FAM	JOE	ROX	FAM	JOE	ROX
C-	> 30	Absent	< 24	> 35	Absent	< 25
PCE	< 21	< 26	< 24	< 26	< 31	< 25
NCA	> 30	Absent	Absent	> 35	Absent	Absent
C+	< 27	< 27	< 27	< 32	< 32	< 28
Test samples	< 24	< 35	< 24	< 29	< 35	< 25

Characteristics of Positive Control of Extraction (PCE)

	Lot	<i>Streptococcus agalactiae</i> DNA concentrations range	
		copies/ml	Ig DNA copies/ml
Positive Control DNA <i>Streptococcus agalactiae</i> and human DNA			

Characteristics of calibrators

	Lot	DNA copies coefficient/probe
K1 SAG		10,000
K2 SAG		100

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