











## PCR and Hybridization Programs Used for Microbiological Test Systems from Hain Lifescience






Equipment  Test System	PCR	Hybridization			
	Thermal Cycler	TwinCubator		GT-Blot 48 with GenoScan® evaluation	GT-Blot 48 visual evaluation
	 e.g.: order no. 7024007	 order no. 11621 (not available anymore)	 order no. 7025009	 order no. 1300/1 + GS-001	 order no. 1300/1
<b>GenoType MRSA</b>	MRSA HOT	P1 P6**	GT45 GTFast MRSA45**	-	GenoType 45 V2 GT Fast V2 GT45V2pro MRSA 45**
<b>GenoType Staphylococcus</b> <b>GenoType BC grampositive</b> <b>GenoType BC gramnegative</b>	30CYCLES	P1	GT45 GTFast	-	GenoType 45 V2 GT Fast V2
<b>micro-IDent®</b>	30CYCLES	P1	GT45	GenoType 45 V2 GT45V2pro	GenoType 45 V2 GT45V2pro
<b>micro-IDent®plus11</b>	30CYCLES	P1	GT45	GT45V2pro	GenoType 45 V2 GT45V2pro
<b>GenoType CDiff</b>	cultured samples: 30CYCLES; stool samples: 40CYCLES	P1	GT45	GenoType 45 V2 GT Fast V2	GenoType 45 V2 GT Fast V2 GT45V2pro
<b>GenoType HelicoDR</b>	cultured samples: HOT 30 biopsy samples: HOT 35	P1	GT45 GTFast	-	GenoType 45 V2 GT Fast V2 GT45V2pro

\* Using this hybridization program will shorten the processing time of the **GenoType MRSA**.

Equipment  Test System	PCR	Hybridization			
	Thermal Cycler	TwinCubator		GT-Blot 48 with <b>GenoScan®</b> evaluation	GT-Blot 48 visual evaluation
	 e.g.: order no. 7024007	 order no. 11621 (not available anymore)	 order no. 7025009	 order no. 1300/1 + GS-001	 order no. 1300/1
<b>GenoType MTBDRplus VER 1.0</b> <b>GenoType MTBDRsl</b>	cultured samples: HOT 30 clinical specimens: HOT 40	P1	GT45 *GTFAST	GenoType 45 V2 GT Fast V2	GenoType 45 V2 GT Fast V2 GT45V2pro
<b>GenoType MTBDRplus VER 2.0</b>	cultured samples: MDR CUL; clinical specimens: MDR DIR	P1	GT45 GTFAST	GenoType 45 V2 GT Fast V2	GenoType 45 V2 GT Fast V2 GT45V2pro
<b>GenoType MTBDRsl VER 2.0</b>	cultured samples: MDR CUL; clinical specimens: MDR DIR	P1	GT45	GenoType 45 V2	GenoType 45 V2
<b>GenoType NTM-DR</b>	MDR CUL	P1	GT45 GT FAST	-	GenoType 45 V2 GT Fast V2
<b>GenoType CM direct</b>	MDR DIR	-	GT45 GT FAST	GenoType 45 V2 GT Fast V2	GenoType 45 V2 GT Fast V2
<b>GenoType LepraeDR</b>	HOT 40	P1	GT45 GTFAST	GenoType 45 V2 GT Fast V2	GenoType 45 V2 GT Fast V2
<b>GenoType MTBC</b> <b>GenoType Mycobacterium CM 1.0</b>	HOT 30	P1	GT45 GTFAST	GenoType 45 V2 GT Fast V2	GenoType 45 V2 GT Fast V2 GT45V2pro
<b>GenoType Mycobacterium CM 2.0</b> <b>GenoType Mycobacterium AS</b>	MDR CUL	-	GT45 GTFAST	GenoType 45 V2 GT Fast V2	GenoType 45 V2 GT Fast V2
<b>GenoType EHEC</b> <b>GenoType Enterococcus</b>	HOT 30	P1	GT45 GTFAST	-	GenoType 45 V2 GT Fast V2 GT45V2pro

\* For hybridization using the GT Fast program it is required to work with 40 µl amplicon and 40 µl DEN solution.

## PCR and Hybridization Programs Used for Human Genetic Test Systems from Hain Lifescience

Equipment  Test System	PCR	Hybridization			
	Thermal Cycler	TwinCubator		GT-Blot 48 with GenoScan® evaluation	GT-Blot 48 visual evaluation
	 e.g.: order no. 7024007	 order no. 11621 (not available anymore)	 order no. 7025009	 order no. 1300/1 + GS-001	 order no. 1300/1
<b>GenoType HH</b> <b>GenoType AAT</b> <b>GenoType LCT</b>	HOT 30; HOT 35 for <b>GENO•CARD</b>	P1	GT45 GTFAST	-	GenoType 45 V2 GT Fast V2 GT45V2pro
<b>ThromboType®</b> <b>ThromboType®plus</b>	HOT 30; HOT 35 for <b>GENO•CARD</b>	P1	GT45 GTFAST	-	GenoType 45 V2 GT Fast V2 GT45V2pro
<b>GenoType MTHFR</b>	HOT 30; HOT 30 for <b>GENO•CARD</b>	P1	GT45 GTFAST	-	GenoType 45 V2 GT Fast V2
<b>GenoType PAI-1</b>	HOT 35; HOT 40 for <b>GENO•CARD</b>	P1	GT45 GTFAST	-	GenoType 45 V2 GT Fast V2
<b>GenoType ApoE</b>	HOT40; HOT 40 for <b>GENO•CARD</b>	P1	GT45 GTFAST	-	GenoType 45 V2 GT Fast V2
<b>GenoQuick® HLA-B27</b>	GQHOT 30; GQHOT 35 for <b>GENO•CARD</b>	-	-	-	-
<b>GenoType SugarTol</b>	HOT 30; HOT 35 for <b>GENO•CARD</b>	P1	GT45 GTFAST	-	GenoType 45 V2
<b>GenoType CVD</b>	HOT 30	P1	GT45 GTFAST	-	GenoType 45 V2 GT Fast V2