











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
GenoType MRSA	MRSA HOT	P1 P6**	GT45 GTFast MRSA45**	-	GenoType 45 V2 GT Fast V2 GT45V2pro MRSA 45**
GenoQuick® MRSA	GQFST1	-	-	-	-
GenoType Staphylococcus GenoType BC grampositive GenoType BC gramnegative	30CYCLES	P1	GT45 GTFast	-	GenoType 45 V2 GT Fast V2
micro-IDent®	30CYCLES	P1	GT45	GenoType 45 V2 GT45V2pro	GenoType 45 V2 GT45V2pro
micro-IDent®plus11	30CYCLES	P1	GT45	GT45V2pro	GenoType 45 V2 GT45V2pro
GenoType CDiff	cultured samples: 30CYCLES; stool samples: 40CYCLES	P1	GT45	GenoType 45 V2 GT Fast V2	GenoType 45 V2 GT Fast V2 GT45V2pro
GenoType HelicoDR	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**.

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	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
GenoType MTBDRplus VER 1.0 GenoType MTBDRsl	cultured samples: HOT 30 clinical specimens: HOT 40	P1	GT45 *GTFAST	GenoType 45 V2 GT Fast V2	GenoType 45 V2 GT Fast V2 GT45V2pro
GenoType MTBDRplus VER 2.0	cultured samples: MDR CUL; clinical specimens: MDR DIR	P1	GT45 GTFAST	GenoType 45 V2 GT Fast V2	GenoType 45 V2 GT Fast V2 GT45V2pro
GenoType MTBDRsl VER 2.0	cultured samples: MDR CUL; clinical specimens: MDR DIR	P1	GT45	GenoType 45 V2	GenoType 45 V2
GenoType NTM-DR	MDR CUL	P1	GT45 GT FAST	-	GenoType 45 V2 GT Fast V2
GenoType CM direct	MDR DIR	-	GT45 GT FAST	GenoType 45 V2 GT Fast V2	GenoType 45 V2 GT Fast V2
GenoQuick® MTB	GQMTB	-	-	-	-
GenoType LepraeDR	HOT 40	P1	GT45 GTFAST	GenoType 45 V2 GT Fast V2	GenoType 45 V2 GT Fast V2
GenoType MTBC GenoType Mycobacterium CM 1.0 GenoType Mycobacterium AS (until kit lot #00140)	HOT 30	P1	GT45 GTFAST	GenoType 45 V2 GT Fast V2	GenoType 45 V2 GT Fast V2 GT45V2pro
GenoType Mycobacterium CM 2.0 GenoType Mycobacterium AS (kit lot #00141 or higher)	MDR CUL	-	GT45 GTFAST	GenoType 45 V2 GT Fast V2	GenoType 45 V2 GT Fast V2
GenoType EHEC GenoType Enterococcus	HOT 30	P1	GT45 GTFAST	-	GenoType 45 V2 GT Fast V2 GT45V2pro
GenoQuick® CT	GQHOT 40	-	-	-	-

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

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	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
GenoType HH GenoType AAT GenoType LCT	HOT 30; HOT 35 for GENO•CARD	P1	GT45 GTFAST	-	GenoType 45 V2 GT Fast V2 GT45V2pro
ThromboType® ThromboType®plus	HOT 30; HOT 35 for GENO•CARD	P1	GT45 GTFAST	-	GenoType 45 V2 GT Fast V2 GT45V2pro
GenoType MTHFR	HOT 30; HOT 30 for GENO•CARD	P1	GT45 GTFAST	-	GenoType 45 V2 GT Fast V2
GenoType PAI-1	HOT 35; HOT 40 for GENO•CARD	P1	GT45 GTFAST	-	GenoType 45 V2 GT Fast V2
GenoType ApoE	HOT40; HOT 40 for GENO•CARD	P1	GT45 GTFAST	-	GenoType 45 V2 GT Fast V2
GenoQuick® HLA-B27	GQHOT 30; GQHOT 35 for GENO•CARD	-	-	-	-
GenoType SugarTol	HOT 30; HOT 35 for GENO•CARD	P1	GT45 GTFAST	-	GenoType 45 V2
GenoType CVD	HOT 30	P1	GT45 GTFAST	-	GenoType 45 V2 GT Fast V2