











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	-	GenoType 45 V2
GenoType CVD	HOT 30	P1	GT45	-	GenoType 45 V2 GT Fast V2