

Přehled validací produktů v real-time PCR cyklérech / Overview of product validations in real-time PCR cyclers

Produkt / Product		Přístroj / Instrument	ABI 7500 (ABI)	ABI 7500 ABI 7500 Fast (ABI)	ABI 7900HT (ABI)	Accurate 96 (DLAB Scientifica)	AriaMx (Agilent Technologies)	BioQuant (Biosan)	CFX96 CFX96 Touch (Bio-Rad)	CFX Opus 96 (Bio-Rad)	iCycler IQ5 (Bio-Rad)	Light Cycler 96 (Roche Diagnostics)	LightCycler 480 Cobas z 480 (Roche Diagnostics)	Mic (BMS)	qTOWER 2.2 (Analytikjena)	QuantGene 9600 (Bioer)	QuantStudio 5 (ABI)	QuantStudio 7 (ABI)	RG 3000 (Corbett Res.)	RG 6000 RG Q (Corbett Res., Qiagen)	SLAN 96P (Hongshi)	SmartCycler (Cepheid)	StepOne (Applied Biosystems)	Stratagene Mx3000P Stratagene Mx3005P (Agilent Technologies)	
GENETIC	gb GENETIC A1AT			✓					✓	•			✓	✓			✓		✓	✓					
	gb GENETIC APOB (R3500Q)			✓	✓	•	✓		✓	•	✓		✓	✓			✓		✓	•					
	gb GENETIC APOE			✓		•			✓	•			✓		•		✓		✓	✓					
	gb GENETIC FRUCTO			✓					✓	•			✓	✓			✓		✓	✓					
	gb GENETIC Gilbert			✓			✓		✓	✓			✓	✓	•		✓		✓	✓					✓
	gb GENETIC HFE			✓	✓		✓		✓	•	✓		✓	✓	•		✓		✓	✓			✓		
	gb GENETIC HLA-B*27						•		•	•			✓	•			✓		✓	•	•				
	gb GENETIC LACTO	✓	✓						✓	•	•	✓		✓	✓		✓		✓	✓			✓		
	gb GENETIC SRY								•	•															
gb GENETIC human DNA									•																
HEMO	gb HEMO FII (G20210A)			✓	✓	•	✓	•	✓	•	✓	•	✓	✓			✓		✓	✓		✓	•	✓	•
	gb HEMO FV (G1691A)			✓	✓	•	✓	•	✓	•	✓	•	✓	✓	•		✓		✓	✓		✓	•	✓	•
	gb HEMO FXIII (V34L)			✓	✓		✓		✓	•	✓		✓	✓			✓		✓	✓		✓			✓
	gb HEMO GPIa (C807T)	✓	✓				✓		✓		✓		✓	✓			✓		✓	✓					
	gb HEMO GPIIIa (L33P)	✓	✓				✓		✓		✓		✓	✓			✓		✓	✓					
	gb HEMO MTHFR (A1298C)			✓	✓		✓		✓	•	✓		✓	✓			✓		✓	✓			✓		✓
	gb HEMO MTHFR (C677T)			✓	✓		✓		✓	•	✓		✓	✓			✓		✓	✓			✓		✓
	gb HEMO PAI1 (4G/5G)			✓	✓		✓		✓	•	✓		✓	✓			✓		✓	✓			✓		
	gb HEMO PAI1 (4G/5G)			✓	✓		✓		✓	•	✓		✓	✓			✓		✓	✓			✓		
ONCO	gb ONCO BCR-ABL DETECT								✓	✓			✓ ¹⁾				✓		✓						
	gb ONCO BCR-ABL MAJOR / ABL								✓	✓			✓		•		✓		✓						
	gb ONCO BCR-ABL MAJOR / GUSB								✓	✓					•		✓		✓						
	gb ONCO BCR-ABL MICRO / ABL			✓					✓	✓			✓				✓	✓	✓						
	gb ONCO BCR-ABL MINOR / ABL			✓					✓				✓		•		✓	✓	✓						
	gb ONCO BRAF (V600)								✓				✓				✓		✓						
	gb ONCO BRAF (V600E)								✓	•			✓		•		✓		✓						
	gb ONCO CLL	✓			✓		✓		✓		✓			✓	•					✓	✓				
	gb ONCO EGFR								✓	•				✓ ¹⁾				✓		✓					
	gb ONCO EGFR (T790M)								✓								✓		✓						
	gb ONCO JAK2 (V617F)							•	✓	•			✓	•	•		✓			✓					
	STANDARD MMR BCR-ABL MAJOR								✓				✓				✓		✓						

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PHARM	gb PHARM BCHE								✓	✓			✓			✓	✓		✓						
	gb PHARM CYP2C19			✓					✓				✓		•	✓	✓		✓	✓	•				
	gb PHARM DPYD			•					✓	✓		•	✓				✓		✓	•					
	gb PHARM TPMT			✓			✓		✓	•	✓		✓	✓			✓		✓	✓					
	gb PHARM UGT1A1								✓	✓		•	✓	• ²⁾		x	✓		✓	x	x				
	gb PHARM Warfarin			✓					✓		✓		✓	✓	•	✓	✓		✓	✓		✓			
MICRO	gb MICRO Aspergillus				✓		✓		✓					✓					✓	x					

Vysvětlivky / Legend:

- ✓ Validováno / Validated
- Kompatibilní / Compatible
- x Nekompatibilní / Incompatible

Poznámky / Notes:

- 1) Pro použití je nutná aktivní Color Compensation vytvořená pomocí GENERI BIOTECH kalibračního kitu. Pro více informací kontaktujte technical.support@generi-biotech.com.
Active Color Compensation created using the GENERI BIOTECH calibration kit is required for use. For more information, contact technical.support@generi-biotech.com.
- 2) Kompatibilita je možná pouze po zavedení vícekrokového zchlazení před analýzou teploty tání. Pro více informací kontaktujte technical.support@generi-biotech.com.
Compatibility is possible only after implementing a multi-step cooling procedure prior to melting temperature analysis. For more information, contact technical.support@generi-biotech.com.

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Autor poslední revize / Author of last revision: Ondřej Brózman, Product Development and Validation dpt.