Übersicht der *alpha* Cube Cyclingprofile

	Cycling Protokoll					
Kit	A	B	C	D	E	Mikrogen
alpha Cube Babesia	x	x				
alpha Cube Borrelia	x	x				
alpha Cube Ehrlichia	x	x				
alpha Cube TBE		x				
alpha Cube Q-Fever	x	x				
alpha Cube Bordetella			x			
alpha Cube gastroplexVirus			x			
alpha Cube gastroplexVirus PLUS			x			
alpha Cube MRSA 2.0			x			
alpha Cube MTB			x			
alpha Cube Noro			x			
alpha Cube respiraRNA 2.0			x			
alpha Cube Legionella					x	
alpha Cube PanLegionella					x	
alpha Cube Entero 2.0				x		
alpha Cube Tropical Fever						x*

* bei LC480 anderes Detektionsformat als *ampli* Cube

A	Description	Time	Temp.	Cycles
	Initial Denaturation	10 min	95 °C	1
	Amplification			
	Denaturation	10 sec	95 °C	45
	Annealing	20 sec	60 °C	
	Extension	10 sec	72 °C	

B	Description	Time	Temp.	Cycles
	Reverse Transcription	20 min	45 °C	1
	Initial Denaturation	5 min	95 °C	1
	Amplification			
	Denaturation	10 sec	95 °C	45
	Annealing	20 sec	60 °C	
	Extension	10 sec	72 °C	

C	Description	Time	Temp.	Cycles
	Reverse Transcription	10 min	45 °C	1
	Initial Denaturation	5 min	95 °C	1
	Amplification			
	Denaturation	10 sec	95 °C	45
	Annealing and Extension	40 sec	60 °C	

D	Description	Time	Temp.	Cycles
	Reverse Transcription	20 min	45 °C	1
	Initial Denaturation	2 min	95 °C	1
	Amplification			
	Denaturation	5 sec	95 °C	45
	Annealing	20 sec	55 °C	
	Extension	10 sec	72 °C	

E	Description	Time	Temp.	Cycles
	Initial Denaturation	10 min	95 °C	1
	Amplification			
	Denaturation	15 sec	95 °C	45
	Annealing	30 sec	60 °C	
	Extension	30 sec	72 °C	

Mikrogen	Description	Time	Temp.	Cycles
	Reverse Transcription	8 min	50 °C	1
	Initial Denaturation	3 min	95 °C	1
	Amplification			
	Denaturation	10 sec	95 °C	45
	Annealing and Extension	45 sec	60 °C	