

→ PCR LOG

<http://www.roboklon.com/pcr>



EXPERIMENTATOR SOP NR. / REVISION
 DATE TIME START END
 PCR CYCLER PCR PROGRAM
 5'-PRIMER 3'-PRIMER
 EXP. DESCRIPTION

COMPONENT	CONCENTRATION REACTION	STOCK	X µl PER 1 REACTION	Y µl PER REACTIONS	<input checked="" type="checkbox"/> CHECK
H ₂ O	-	-			<input type="checkbox"/>
(10x) BUFFER					<input type="checkbox"/>
OTHER:					<input type="checkbox"/>
OTHER:					<input type="checkbox"/>
dNTPs					<input type="checkbox"/>
5'-PRIMER					<input type="checkbox"/>
3'-PRIMER					<input type="checkbox"/>
..... DNA POLYMERASE					<input type="checkbox"/>
TEMPLATE DNA					<input type="checkbox"/>

TOTAL Σ

$$\frac{\text{REACTION CONC.}}{\text{STOCK CONC.}} \times \text{VOLUME PER REACT.} = X \mu\text{l PER REACT.}$$

$$\frac{\text{VOLUME PER REACTION}}{\text{TOTAL MASTER MIX VOLUME}}$$

TEMP [°C] / Δ TEMP [°C]	TIME [sec] / Δ TIME [sec]	No. OF CYCLES	PCR STEP
			INITIAL DENATURATION
		}	DENATURATION
			ANNEALING
			EXTENSION
			TERMINAL EXTENSION
	min		HOLD

PCR RESULTS SUMMARY

CONTROLS NEGATIVE CONTROL ABSENT POSITIVE CONTROL PRESENT
PCR PRODUCTS OK, AS PREDICTED NOT AS PREDICTED

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