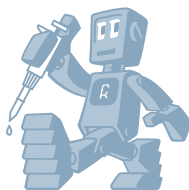


→ MASTER MIX PCR LOG

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



🗄 EXPERIMENTATOR 📄 SOP NR. / REVISION
 📅 DATE 🕒 TIME START END
 🖨 PCR CYCLER 📁 PCR PROGRAM
 ➡ 5'-PRIMER ➡ 3'-PRIMER
 🕒 PRIMER PREMIX (5-25 µM EACH): µM 5'-PRIMER µM 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"/>
PRIMER-PREMIX					<input type="checkbox"/>
OPTIONAL:					<input type="checkbox"/>
..... TAQ MASTER MIX					<input type="checkbox"/>
TEMPLATE DNA					<input type="checkbox"/>

TOTAL Σ			
$\frac{\text{REACTION CONC.}}{\text{STOCK CONC.}} \times \text{VOLUME PER REACT.} = X \mu\text{l PER REACT.}$	\uparrow	$\frac{\text{TOTAL VOLUME OF ALL REACTIONS}}{\text{VOLUME PER REACTION}}$	

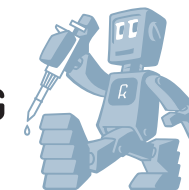
TEMP [°C] / Δ TEMP [°C]	TIME [sec] / Δ TIME [sec]	No. OF CYCLES	PCR STEP
		}	INITIAL DENATURATION
			DENATURATION
			ANNEALING
			EXTENSION
			TERMINAL EXTENSION
	min		HOLD

PCR RESULTS SUMMARY

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

→ MASTER MIX PCR LOG

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

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