

Q-Extract DNA Extraction Solution

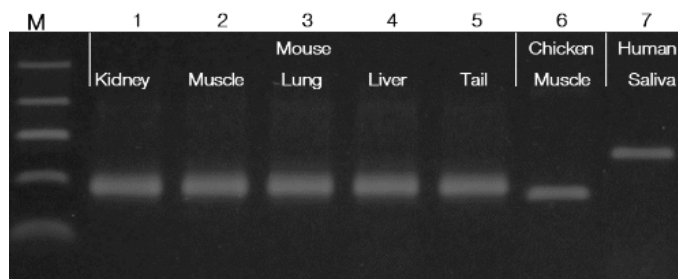


Fast and easy DNA extraction

- PCR-ready DNA in just 8 minutes
- One reagent set-up
- Various mammalian tissues, saliva and bacteria
- DNA extracts stable at -20 °C for one week or at -80 °C for long term storage

The Q-Extract DNA Extraction provides rapid and efficiently extraction of DNA from mammalian tissues and bacteria. The one-tube lysis is performed in either a thermocycler or heating block and is divided into two simple heating steps. The extracted DNA is then ready for PCR without further handling such as vortex, centrifugation and dilutions.

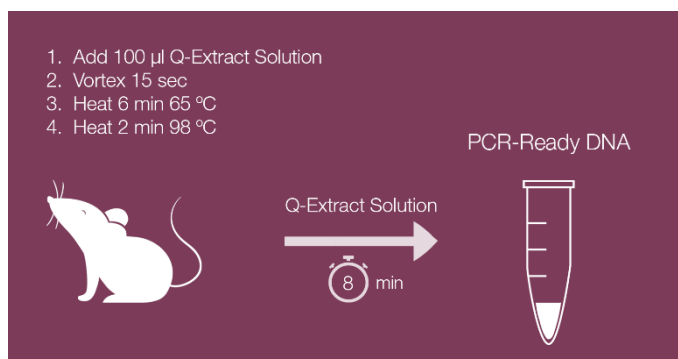
Various mammalian tissues



Q-Extract DNA Extraction PCR Kit was used to extract and amplify genomic DNA from various mammalian tissues. M: DNA marker Iqon Low DNA Ladder. Lane 1-5: Different mouse tissues as depicted, GADPH (266 bp). Lane 6: Chicken muscle tissue, HRPT1 (245 bp) and Lane 7: Human saliva, DMD17 (415 bp).

Fast and easy extraction protocol

1. Add 100 µl Q-Extract Solution
2. Vortex 15 sec
3. Heat 6 min 65 °C
4. Heat 2 min 98 °C



The one-reagent set-up is easily scaled and can be conducted by robotic automation platforms. The DNA extraction can be performed in PCR- or 1.5 ml tubes. The extracted DNA is ready for PCR amplification without further handling such as vortex, centrifugation or dilutions.

	Reactions*	Content		Cat #
Q-Extract DNA Extraction Solution	100	1 x 10 ml	Q-Extract Solution	A560001
	500	5 x 10 ml	Q-Extract Solution	A560004
Q-Extract DNA Extraction PCR Kit Incl. Taq DNA Polymerase 2x Master Mix RED	100	1 x 10 ml	Q-Extract Solution	A570001
	500	1 x 1.25 ml	Taq 2x Master Mix RED	
		5 x 10 ml	Q-Extract Solution	A570004
		5 x 1.25 ml	Taq 2x Master Mix RED	
Q-Extract DNA Extraction Solution - SAMPLE	20	1 x 2 ml	Q-Extract Solution	A560099
Q-Extract DNA Extraction PCR Kit - SAMPLE	20	1 x 2 ml	Q-Extract Solution	A570099
		1 x 0.25 ml	Taq 2x Master Mix RED	

*1 reaction = 100 µl Q-Extract DNA Extraction Solution + 12.5 µl Taq DNA Polymerase 2x Master Mix RED (final PCR reaction 50 µl)