

## Q-Extract DNA Extraction Solution

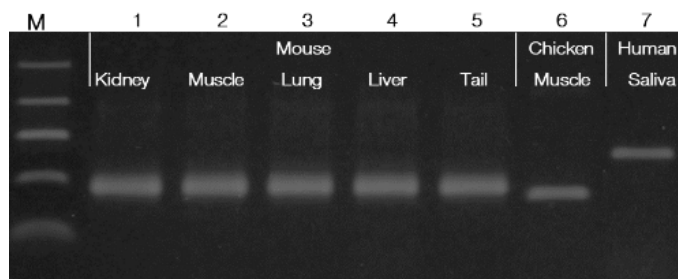


### Fast and easy DNA extraction

- 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.

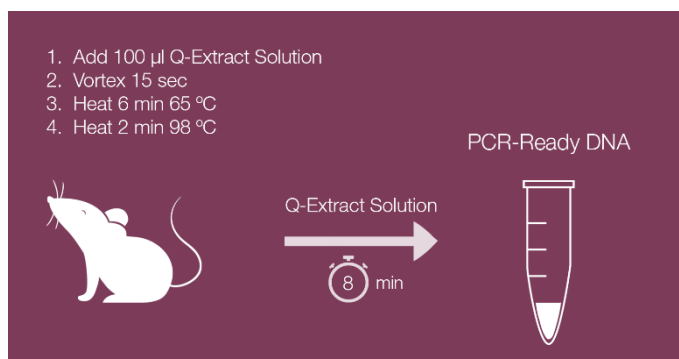
### Various mammalian tissues



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
	500	5 x 10 ml	Q-Extract Solution
Q-Extract DNA Extraction PCR Kit Incl. Taq DNA Polymerase 2x Master Mix RED	100	1 x 10 ml	Q-Extract Solution
	500	1 x 1.25 ml	Taq 2x Master Mix RED
		5 x 10 ml	Q-Extract Solution
		5 x 1.25 ml	Taq 2x Master Mix RED
Q-Extract DNA Extraction Solution - SAMPLE	20	1 x 2 ml	Q-Extract Solution
Q-Extract DNA Extraction PCR Kit - SAMPLE	20	1 x 2 ml	Q-Extract Solution
		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 25 µl)