

Q-Extract DNA Extraction PCR Kit

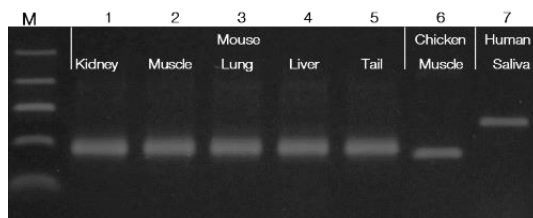


Optimal solution for genotyping

- PCR-ready DNA in just 8 minutes
- Minimal handling
- Various mammalian tissues, saliva and bacteria
- Reliable PCR results
- Direct gel loading
- Scalable
- Automation-friendly

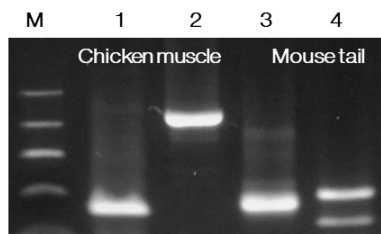
The Q-Extract DNA Extraction PCR Kit offers rapid and easy DNA extraction and amplification from a broad range of mammalian tissues, saliva and bacteria. Extracted DNA is ready in 8 minutes for PCR by Taq DNA Polymerase 2x Master Mix RED.

Various mammalian tissues



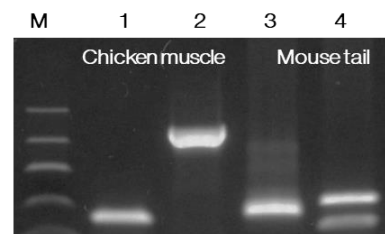
Q-Extract DNA Extraction PCR Kit was used to extract and amplify genomic DNA from various mammalian tissues. M: DNA marker Iqon Low DNA Ladder. Lane 1-5: Different mouse tissues as depicted, GADPH (266 bp). Lane 6: Chicken muscle tissue, HRPT1 (245 bp) and Lane 7: Human saliva, DMD17 (415 bp).

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The performance of Q-Extract DNA Extraction PCR Kit was compared to the genotyping PCR kit from competitor B. DNA extracts were extracted from chicken muscle (lanes 1-2) and mouse tail (lanes 3-4). Each extraction and amplification have been conducted according to the supplier manuals and using the PCR master mixes provided in the respective kits. The result shows that the Q-Extract DNA Extraction PCR Kit and the competitor B performs equally well. M: DNA marker Iqon Low DNA Ladder. Lane 1: Chicken HRTP1 (245 bp), Lane 2: Chicken GADPH (775 bp), Lane 3: Mouse GADPH (265 bp) and Lane 4: Mouse B-actin (318 bp).

Supplier B



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

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