

StickE™ Column Tissue DNA Isolation Kit

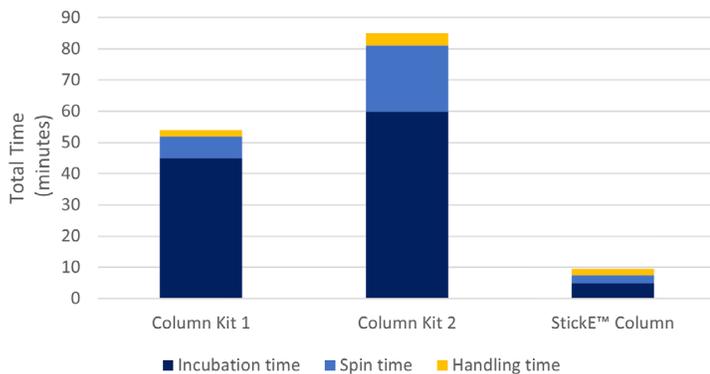
While other kit producers use the word “rapid”, we mean it. DNA isolation in 10 minutes.

Long incubation and spin times impede the workflow of many column-based DNA isolation kits. Spend less time waiting for high quality DNA with the StickE™ Column Tissue DNA Isolation Kit from MatMaCorp®. The silica membrane-based column coupled with the simple workflow provides high quality DNA for \$2.50.

RAPID RESULTS

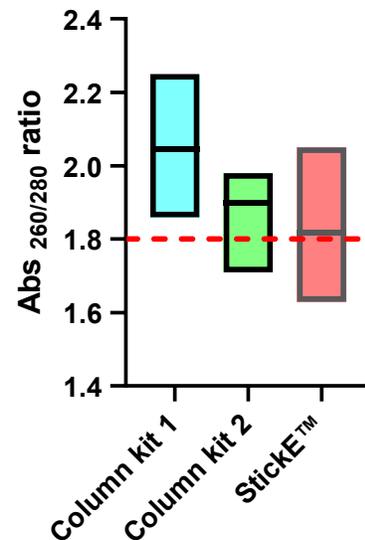
The StickE™ column tissue DNA isolation kit takes about 10 minutes to isolate high quality DNA from about 5 mg of tissue sample. A simple workflow cuts the time dramatically when compared to other spin column kits available. Note: handling time was calculated at 15 seconds for each step.

MINIMUM TIME REQUIRED TO ISOLATE DNA



HIGH QUALITY ELUTION

COMPARISON OF ABS 260/280 RATIO



When using the StickE™ column, DNA yield from 5mg of muscle tissue is about 32ng/uL with a mean Abs 260/280 of 1.84 (n=95).

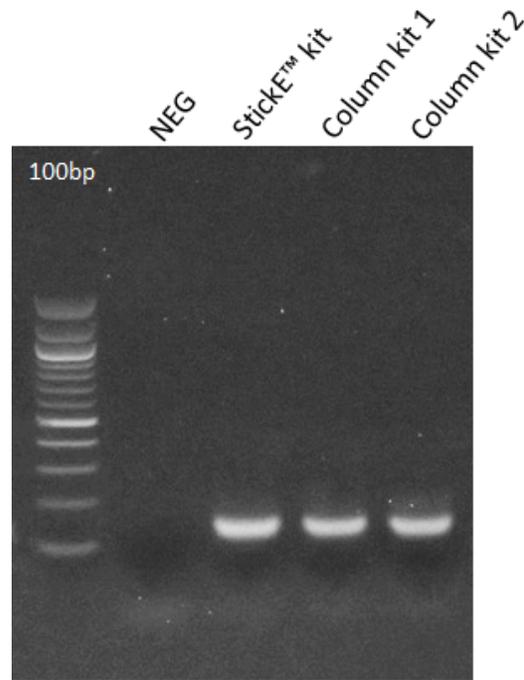


Nobody likes waiting, say goodbye to wait times and hello to results with Sticke™ Column DNA Isolation Kits from MatMaCorp®

PCR APPLICATIONS

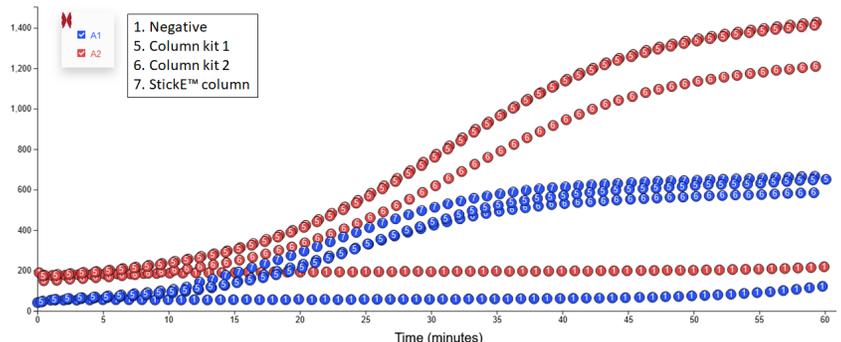
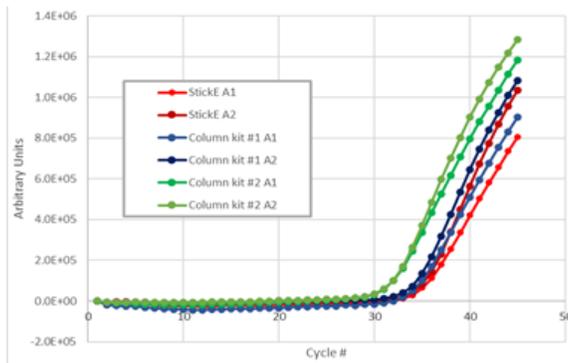
Several organisms were tested using the Sticke™ column kit including those commonly used as model organisms in research such as drosophila, mice, zebrafish, and rabbits as well as agricultural species such as cows, pigs, chickens, and turkeys.

DNA from 5mg of chicken muscle tissue was isolated using two different spin column kits and a Sticke™ column kit. One microliter from each was used as template in a PCR with primers designed for a chicken mitochondrial target with an expected size of 140bp.



GENOTYPING APPLICATIONS

DNA from 5mg of bovine muscle tissue was isolated using two different spin column kits and a Sticke™ column kit. Template from each was used in a TaqMan® genotyping assay (below left) for a SNP found in the bovine B-casein gene. The same template was also used in MatMaCorp's C-SAND™ assay* (below right) for the same SNP.



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