

Column-free PCR Clean-up



SureClean

- Post-PCR recovery of up to 98%
- Downstream applications include cloning and sequencing
- Cost-effective, simple and rapid protocol

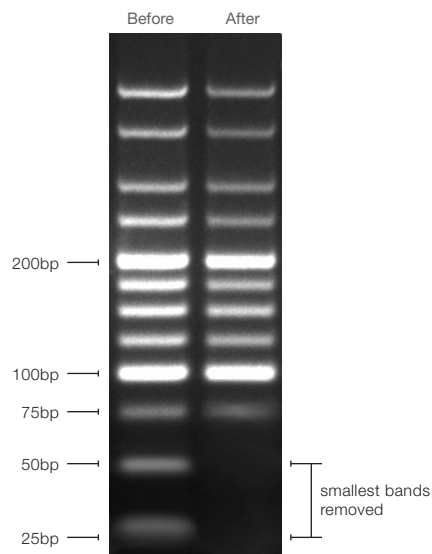
SureClean is a novel, inexpensive solution, which provides a column-free method for nucleic-acid purification. Using a simple and rapid procedure, SureClean can be used to purify or concentrate DNA or dsRNA from PCR reactions or any enzymatic digests. This method is easy to follow, combining convenience, speed and excellent recovery rates.

SureClean removes proteins (such as restriction enzymes, polymerases, etc), primers/primer-dimers and dNTPs. A very straightforward protocol allows the precipitation of nucleic acids of ≥ 100 bp without the need for organic solvents, glass milk or expensive spin-columns.

SureClean Plus incorporates a pink co-precipitant that facilitates easy visualisation of the purified pellet, since this acquires a pink colour.

High quality results

SureClean does not interfere in downstream applications, such as DNA sequencing, SNP analysis, cloning or any other application requiring a PCR product free of excess nucleotides and primers.



DNA from a MW Marker (HyperLadder V) treated with SureClean.

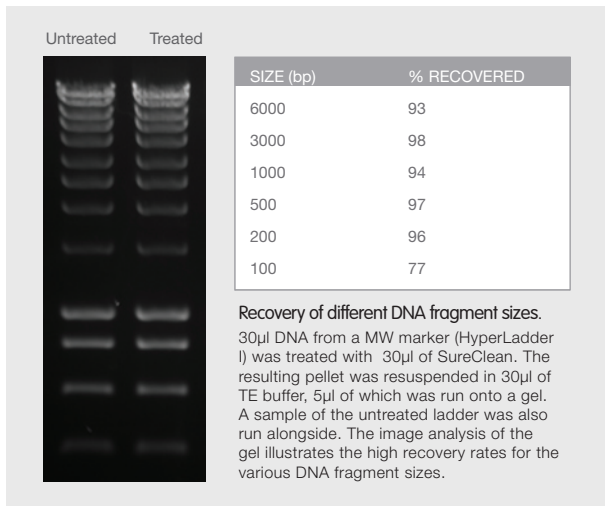
The gel picture demonstrates that the smallest bands (50 and 25bp) are removed after the purification process.



SureClean

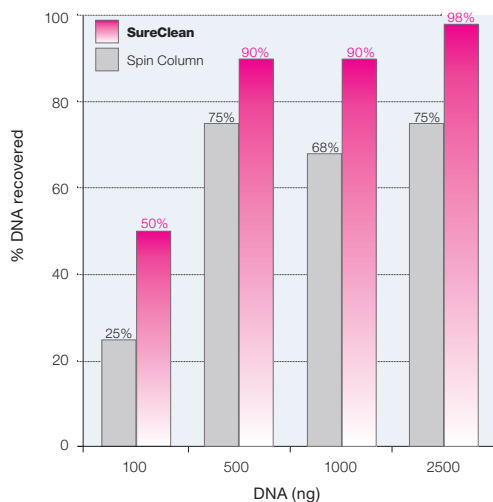
DNA recovery vs Size

SureClean is particularly effective for purifying small (≥ 100 bp) or very large nucleic acid fragments with recoveries of up to 98% of the original amount.



DNA recovery vs Concentration

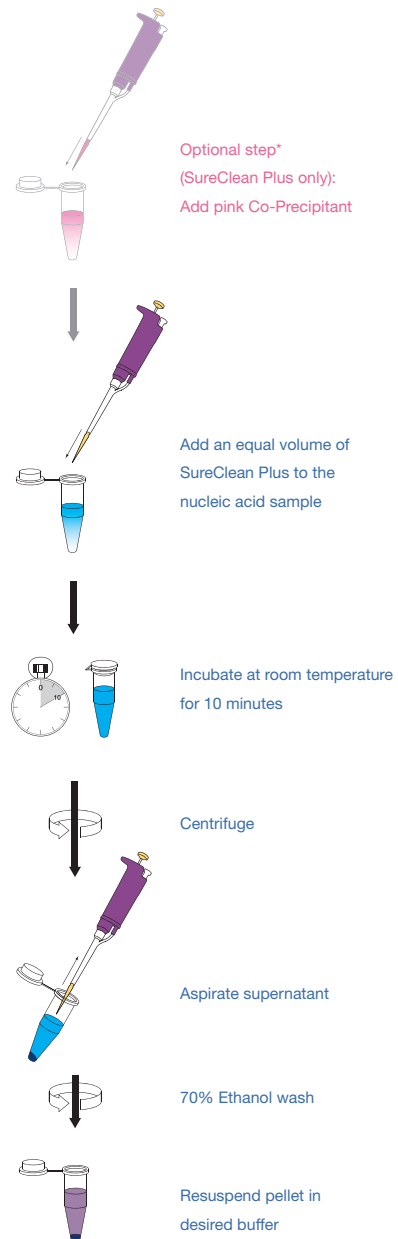
SureClean exhibits great versatility, achieving unsurpassed recovery rates independently of the nucleic acid concentration. Unlike many column-based methods, SureClean maximises recovery with nucleic acid solutions of low, medium or high concentration.



Percentage of DNA recovered after purification of 30 μ l solutions containing differing amounts of plasmid DNA with either: Competitors spin columns or SureClean

SureClean Protocol

The simple method combines convenience, speed and excellent recovery rates, and does not require any additional equipment.



SureClean		
DESCRIPTION	PACK SIZE	CAT NO.
SureClean	1 x 5ml	BIO-37042
SureClean	2 x 12.5ml	BIO-37046
SureClean Plus	1 x 5ml	BIO-37047
SureClean Plus	2 x 12.5ml	BIO-37048