

## DNA-ExitusPlus

Para la descontaminación en 10 minutos a temperatura de 20 °C o más. Para la descontaminación de las superficies, los aparatos, los plásticos y material de vidrio, así como de las pipetas. Es suficiente con aplicar el producto sobre la superficie a descontaminar o sumergir los recipientes en el producto

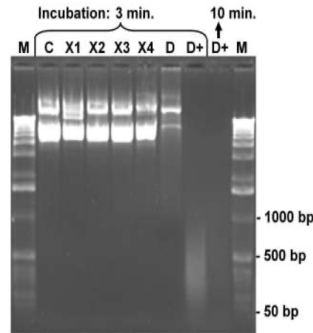


Fig. 1. Test of the DNA degradation potential for selected conventional DNA decontamination reagents in comparison with DNA-ExitusPlus™.

Aliquots of a CCC plasmid DNA (7 kb), 200 ng for each sample, were dissolved in 10 µl water and treated with 5 µl of one of the listed reagents for 3 or minutes, respectively, at room temperature. Finally, the samples were mixed with bromophenol blue loading buffer and denatured for 3 minutes at 92°C. The denatured samples were placed on ice and the complete reaction mixture was loaded onto an 1% agarose gel. After gel electrophoresis the agarose gel was stained with ethidium bromide and photographed. The control (C) contains the intact CCC plasmid DNA (200 ng) after treatment with 5 µl of sterile water. Nicks and damages of the DNA strands generate fragments of lower molecular weight. These smaller DNA fragments can be identified in the gel by comparison with the control sample and the molecular weight marker (M; 1 kb ladder). The products X1-X4 cause very little degradation of the test DNA only, while product D (conventional DNA-Exitus™) was more effective under these conditions. Only DNA-ExitusPlus™ (D+) causes very rapid and nearly complete DNA degradation after 3 minutes. Thereby only residual DNA fragments smaller than 500 base pairs are observed. Prolonged incubation (10 min.) destroyed all plasmid DNA.

### Las características únicas de DNA-ExitusPlus™

- 1 Los efectos catalíticos y cooperativos de los componentes causan una degradación muy rápida, no enzimática y no específica de la secuencia, de las moléculas de ADN y ARN.
- 2 Todos los componentes del DNA-ExitusPlus™ son fácilmente biodegradables y no son dañinos o tóxicos para los humanos.
- 3 No se utilizan ácidos minerales o sustancias alcalinas agresivas. El equipo y los materiales no se dañan o corroen incluso después de un tiempo de incubación prolongado.
- 4 No hay gases tóxicos.
- 5 Las temperaturas elevadas por encima de los 50°C aceleran la reacción y la actividad.

Descripción	Application	Codigo	Formato	Precio	Oferta
TRItidy G	TRItidy G™	A4051.0100	100 ml	84,50 €	70,64 €
TRItidy G	Alternative to Thermo Trizol 15596026, Sigma RDP300	A4051.0200	200ml	158,00 €	131,00 €
Descripción	Application	Codigo	Formato	Precio	Oferta
DNA-ExitusPlus IF BioChem DNA-ExitusPlus™ IF Non toxic alternative to DNA Away, DNA Zap, Bleachica	Decontamination solution for the removal of DNA and RNA contaminations.	A7409,0500	500 mL	53,80 €	43,90 €
RNase-ExitusPlus BioChem RNase-ExitusPlus™ Non toxic alternative to RNase Away mica Etanol absoluto para biología molecular	Decontamination removal solution for RNase.	A7153,0500	500 mL	55,50 €	46,30 €
Etanol absoluto para biología molecular	<b>Etanol Absoluto</b>	A8075,1000PE	1L	131,7€	131,7€
Etanol absoluto para biología molecular	<b>Etanol Absoluto</b>	A8075.2500PE	2,5 L	214,2€	214,2€
DNase I Alternative to Sigma D5025, Fisher BP8107-1	Used in molecular biology techniques like digestion of DNA, in the RNA purification	A3778,0100	100 mg	74,80 €	62,00 €
Proteinase K Alternative to Sigma P6556, Thermo AM2542	Proteinase K is used to destruct proteins in cell lysates.	A3830,0100	100 mg	90,30 €	75,22 €
RNase A (libre de DNasa) RNase A (DNase-free) Alternative to Sigma R6513, Roche 10109142001	RNase A is used for the purification of RNA-free DNA, for the removal of non- hybridized regions of RNA: DNA-hybrid	A3832,0050	50 mg	59,00 €	50,33 €
Tris for molecular biology (Alternative to Sigma 93362, Fisher BP152)	Tris is the most commonly used buffer in biological research. Component of TBE, TAE and TE Buffers.	A2264,1000	1 kg	100,90 €	82,37 €
Dimethyl Sulfoxide for cell culture Alternative to Sigma D2650	For freezing cells / Antibiotic solutions	A3672,0250	250 mL	37,20 €	30,80 €
Albumina Fracción V (pH 7,0); Alternative to Sigma A7906-100G among others	Bovine serum albumin (BSA) is added as a stabilizing component for proteins / enzymes to several enzyme reaction and storage buffers.	A1391,0100	100 g	180,70 €	149,80 €
Phenol equilibrated, stabilized : Chloroform : Isoamyl Alcohol 25 : 24 : 1	DNA extraction purposes.	A0889,0100	100 ml	41 €	41€