

DNA & RNA CLEANUP KITS

ECHOCLEAN DNA CLEANUP (FOR DNA >50 BP)

For single-step cleanup and desalting of DNA > 50 bp in just 3 minutes. Reliably removes all unwanted molecules and contaminants such as oligonucleotides, inhibitors and salts

Catalogue No.	Reactions	Price	Offer Price
020-002-030-010	10	£24.55	£22.09
020-002-030-050	50	£108.18	£97.36
020-002-030-250	250	£486.36	£437.73



ECHOCLEAN ORGANIC SOLVENT DNA CLEANUP

For single-step cleanup and desalting of genomic DNA samples. Reliably removes TRIzol™, phenol, chloroform, ethanol and other contaminants such as inhibitors and salts

Catalogue No.	Reactions	Price	Offer Price
020-002-040-010	10	£27.27	£24.55
020-002-040-050	50	£119.09	£107.18
020-002-040-250	250	£553.45	£481.91



ECHOCLEAN RNA CLEANUP KIT

For single-step cleanup and desalting of total RNA/mRNA samples. Reliably removes TRIzol™, phenol, chloroform, ethanol and other contaminants such as inhibitors and salts

Catalogue No.	Reactions	Price	Offer Price
020-002-050-010	10	£27.27	£24.55
020-002-050-050	50	£119.09	£107.18
020-002-050-250	250	£535.45	£481.91



REAGENTS

ECHOSAFE FFPE DEPARAFFINIZATION SOLUTION

Non-toxic and powerful treatment of FFPE samples for use with common Silica DNA Offer Price or RNA kits

Catalogue No.	Volume	Price	Offer Price
030-001-010	10 ml	£80.91	£72.82
030-001-100	100 ml	£453.64	£408.27



PURIFYLATER TISSUE STABILIZER

Stabilizes tissue samples for convenient storage and protection against breakdown by DNases and RNases

Catalogue No.	Volume	Price	Offer Price
030-002-100	100 ml	£90.00	£81.00
030-002-500	500 ml	£344.55	£310.09



ECHOSAFE RNA GEL LOADING BUFFER

Running RNA gels without toxic formaldehyde

Catalogue No.	Volume	Price	Offer Price
030-003-0005	500 µl	£108.18	£97.36
030-003-0025	5 x 500µl	£426.36	£383.73

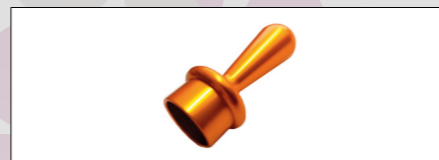


LAB TOOLS

CAP PUNCHER & CERAMIC SCALPELS

The Cap Puncher is fast and convenient for handling of EchoLUTION Spin Columns. CeraTool ceramic blades are sharp and allow clean and precise cutting of any sample. They will stay sharp even if used extensively, they are stainless, anti-static, non-magnetic and dishwasher proof.


Catalogue No.	Description	Price	Offer Price
050-001-001	BioEcho Cap Puncher	£6.36	£5.73
050-002-001	CeraTool Ceramic Blade Scalpel (No. 4, green)	£4.73	£4.25
050-002-002	CeraTool Ceramic Blade Scalpel (No. 10, blue)	£4.73	£4.25
050-002-003	CeraTool Ceramic Blade Scalpel (No. 12, grey)	£4.73	£4.25
050-002-004	CeraTool Ceramic Blade Scalpel (No. 23, purple)	£4.73	£4.25
050-002-005	CeraTool scalpel sampler (4)	£13.18	£11.86



BIOECHO KITS AND REAGENTS

INNOVATIVE AND CONVENIENT TOOLS FOR:

 **DNA SAMPLE PREPARATION** No tedious *bind-wash-elute* procedure

 **DNA/RNA PROCESSING** Fast, safe, groundbreaking



SINGLE STEP DNA EXTRACTION KITS

DNA EXTRACTION IN A FRACTION OF THE TIME OF COMMON SILICA TECHNOLOGY



All Kits based on the EchoLUTION single-step purification process allow DNA extraction in a fraction of the time of common bind-wash-elute procedures (see flowchart). In contrast to Silica technologies, BioEcho's innovative sample lysis works under physiological conditions using TurboLyse™, a unique proprietary blend of proteases. Tissue, blood or cells are efficiently lysed in 15-30 minutes, avoiding lengthy, sometimes overnight procedures. The resulting extremely pure and intact DNA is highly suited for all kinds of downstream applications including PCR, real-time PCR and Next Generation Sequencing.

FEATURES

- Ultra-pure DNA in 70% less time
- No hazardous reagents, safer and simpler
- Unmet Sample Lysis Efficiency
- Native lysis conditions, faster and gentler
- Sensitive detection in downstream analysis
- 70% reduction in plastics compared to Silica kits
- Convenient single-step purification
- Plastic-free packaging

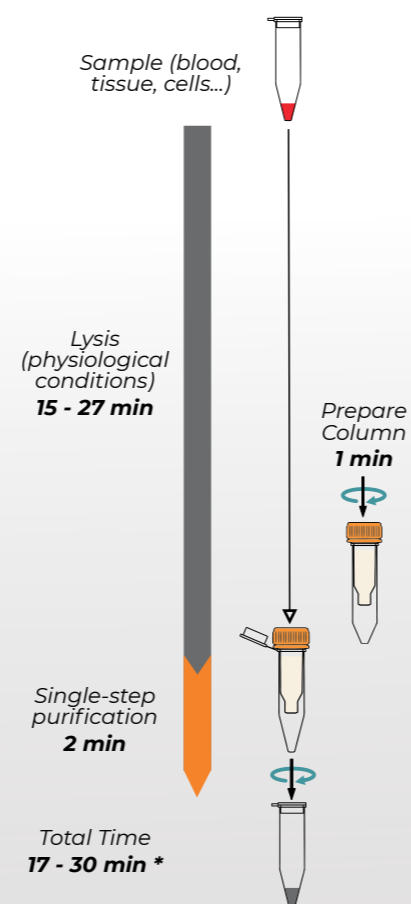


ECO-FRIENDLY AND COST SAVING

Plastic waste is reduced by 70% with EchoLUTION (left) compared with Silica kits (right)

RESPONSIBLE AND SUSTAINABLE

BioEcho products are developed for sustainable, Eco-friendly lab processes by avoiding hazardous reagents such as GuHCL and organic solvents. Plastic based kit components are reduced by 70% compared with traditional Silica based kits. Bioecho also follows a plastic-free packaging concept, saving additional resources.



ECHOLUTION TECHNOLOGY

Flowchart with time bar of EchoLUTION spin column purification technology. Just 17 - 30 minutes total prep time and *3 minutes handling time.



Thistle Scientific is a leading UK supplier of Laboratory Equipment and Consumables. We exclusively distribute many brands in the UK including BioEcho.

Our philosophy is straightforward. Reliable products give trouble free use. Satisfied customers maintain a long term relationship and this, in turn, ensures we know how to respond to all varieties of requests at all times.

We believe our customers are our most valuable assets

ECHOLUTION BLOOD DNA MICRO KIT

For single-step spin column purification from up to 60 µl liquid blood or dried blood spots (FTA cards)

Catalogue No.	Reactions	Price	Offer Price
010-001-010	10	£26.36	£23.73
010-001-050	50	£117.27	£105.55
010-001-250	250	£529.09	£476.18

ECHOLUTION BLOOD DNA 96 KIT

For single-step 96-well purification from up to 60 µl liquid blood, fresh or stabilised, human or animal.

Catalogue No.	Reactions	Price	Offer Price
010-101-002	2 x 96	£317.27	£285.55
010-101-008	8 x 96	£1,126.36	£1,013.73

ECHOLUTION BLOOD DNA HIYIELD KIT

For single-step purification of up to 20 µg genomic DNA from 200 - 1000 µl liquid blood (fresh, frozen, stabilised: Citrate, EDTA, Heparin)

Catalogue No.	Reactions	Price	Offer Price
010-011-010	10	£27.27	£24.55
010-011-050	50	£126.36	£113.73
010-011-250	250	£571.82	£514.64

ECHOLUTION TISSUE DNA MICRO KIT

For single-step purification of genomic DNA from 0.1 to 10 mg animal or human tissue (fresh, frozen or stabilised)

Catalogue No.	Reactions	Price	Offer Price
010-002-010	10	£33.64	£30.27
010-002-050	50	£150.00	£135.00
010-002-250	250	£634.55	£571.09

ECHOLUTION TISSUE DNA 96 KIT

For single-step 96-well purification of genomic DNA from up to 20 mg human or animal tissue.

Catalogue No.	Reactions	Price	Offer Price
010-102-002	2 x 96	£335.45	£301.91
010-102-008	8 x 96	£1,177.27	£1,059.55

ECHOLUTION CELL CULTURE DNA KIT

For single-step purification of genomic, mitochondrial or plasmid DNA from up to 4 x 10⁶ eukaryotic cells (cell lines or primary cells)

Catalogue No.	Reactions	Price	Offer Price
010-006-010	10	£28.18	£25.36
010-006-050	50	£126.36	£113.73
010-006-250	250	£559.09	£503.18

ECHOLUTION PLANT DNA KIT

For single-step spin column purification of genomic DNA from up to 50 mg of plant tissue (leaves, soft roots, seeds, fruit tissue, bud & blossom tissue)

Catalogue No.	Reactions	Price	Offer Price
010-003-010	10	£31.82	£28.64
010-003-050	50	£143.64	£129.27
010-003-250	250	£586.36	£527.73

ECHOLUTION PLANT DNA 96 KIT

For single-step 96-well purification of genomic DNA from up to 50 mg plant soft tissue (fresh, dried, freeze-dried)

Catalogue No.	Reactions	Price	Offer Price
010-103-002	2 x 96	£299.09	£269.18
010-103-008	8 x 96	£1,071.82	£964.64

Prices valid until 20th December 2019

