



12. Buffers & Reagents

Photo: Light micrograph showing the golgi apparatus in neurons of dorsal root ganglion cajal s-formol

PBS (pH 7.4)



Tablets format:

Cat No.	Size
BR0001	8 L= 8 Tablets
BR0002	16 L= 16 T
BR0095	50 L= 50 T
BR0096	100 L= 100 T

Includes:

- Exactly pre-weighed tablets (1,000 mL/Tablet)



Aqueous solution format:

Cat No.	Size
BR0003	1 L (1x)
BR0004	1 L (10x)

Includes for 1 unit:

- 1,000 mL PBS solutions

Specifications:

Chemicals: analytical grade.

Composition: 0.14 M NaCl, 0.0027 M KCl, 0.010 M PO_4^{3-} .

pH: 7.4 ± 0.05 at 25° C

Description:

Phosphate-Buffered Saline (PBS) is a high quality, reliable and convenient water-based salt solution containing sodium phosphate, sodium chloride, potassium chloride and potassium phosphate. PBS is used in cell biology to maintain the osmolarity, in immunoassays (ELISA, immuno-histochemical), to maintain the protein pH, to dissolve proteins and peptides samples.

Advantages & Features:

- ✓ **Reliable:** rigorous quality control standards to guarantee lot-to-lot consistency.
- ✓ **High Quality:** free of DNase, RNase or protease contamination.
- ✓ **Flexible format:** available in tablets and time-saving ready-to-use solution.
- ✓ **Convenient:** ideal for standardizing laboratory work.

Applications:

- ✓ Dilute substances.
- ✓ Immobilize a substance, as a protein, in a solid surface.
- ✓ Immuno-histochemical, ELISA and Western blot assays.
- ✓ Cell cultures procedures.
- ✓ Microbiological procedures.

Quality Control:

- ✓ Strict quality controls in every phase of manufacturing to guarantee the highest quality and reproducibility.

Related Products:

- Custom solutions (p.147)



PBS with Tween™ 20 (pH 7.4)



Tablets format:

Cat No.	Size
BR0005	8 L= 8 Tablets
BR0006	16 L= 16 T
BR0007	50 L= 50 T
BR0092	100 L= 100 T

Includes:

- Exactly pre-weighed tablets and (1,000 mL/Tablet)



Aqueous solution format:

Cat No.	Size
BR0008	1 L (1x)
BR0009	1 L (10x)

Specifications:

Chemicals: analytical grade.

Composition: 0.14 M NaCl, 0.0027 M KCl, 0.05% Tween™ 20, 0.010 M PO_4^{3-} .

pH: 7.4 ± 0.05 at 25° C

Description:

Phosphate-Buffered Saline with Tween™ 20 (PBS-T) is a high quality, reliable and convenient water-based salt solution ideal for use in sample preparation and as a wash buffer in general immunoassay applications.

It includes Tween™ 20, a non-ionic detergent additive that reduces non-specific binding and protein-protein interaction during the wash step in protein and immunoassay procedures such as ELISA and Western blotting. Decreasing the non-specific binding and staining makes ELISA results and blots easier to interpret.

Advantages & Features:

- ✓ **Reliable:** rigorous quality control standards to guarantee lot-to-lot consistency.
- ✓ **High Quality:** free of DNase, RNase or protease contamination.
- ✓ **Convenient:** available in tablets and time-saving ready-to-use solution.
- ✓ **Complete solution:** includes a non-ionic detergent.
- ✓ **Proven performance** for general immunoassay applications.

Applications:

- ✓ Wash buffer in immunolabelling techniques, such as ELISA and Western blotting.
- ✓ Blocking buffer for plate based assays.
- ✓ Protein-plate coating.

Quality control:

- ✓ Strict quality controls in every phase of manufacturing to guarantee the highest quality and reproducibility.

Related Products:

- Custom solutions (p.147)

TBS (pH 7.6)



Tablets format:

Cat No.	Size
BR0040	4 L= 8 Tablets
BR0041	8 L= 16 T
BR0042	25 L= 50 T
BR0093	50 L= 100 T

Includes:

- Exactly pre-weighed tablets (500 mL/Tablet)



Related Products:

- Custom solutions (p.147)

Specifications:

Chemicals: analytical grade.

Composition: 0.050 M Tris-HCl, 0.15 M KCl.

pH: 7.6 ± 0.05 at 25°C.

Description:

Tris Buffered saline (TBS) is a high quality, reliable and reproducible buffer to maintain the pH without large variations. TBS is isotonic and non-toxic to cells thereby emulating the physiological conditions. It is used to dilute sample and wash buffer in immunoassays as ELISA or immuno-histochemistry when the background is high. In Western blot, is used for diluting phosphatase or peroxidase-conjugated antibodies.

Advantages & Features:

- ✓ **Reliable:** rigorous quality control standards to guarantee lot-to-lot consistency.
- ✓ **Reproducibility Assured.**
- ✓ **High Quality:** free of DNase, RNase or protease contamination.
- ✓ **Really fast and easy procedure:** results in few seconds with minimal handling steps.
- ✓ **Safe:** isotonic and non-toxic to cells.

Applications:

- ✓ Dilute substances.
- ✓ Wash buffer in ELISA.
- ✓ Dilute phosphatase and peroxidase conjugated antibodies in Western Blot.
- ✓ Immuno-histochemistry staining, to clean the background.
- ✓ Wash buffer *in situ* hybridization.

Quality control:

- ✓ Strict quality controls in every phase of manufacturing to guarantee the highest quality and reproducibility.

TBS with Tween™ 20 (pH 7.6)



Tablets format:

Cat No.	Size
BR0043	4 L= 8 Tablets
BR0044	8 L= 16 T
BR0045	25 L= 50 T
BR0094	50 L= 100 T

Includes:

- Exactly pre-weighed tablets (500 mL/Tablet)



Related Products:

- Custom solutions (p.147)

Specifications:

Chemicals: analytical grade.

Composition: 0.15 M NaCl, 0.050 M Tris-HCl, 0.05% Tween™ 20.

pH: 7.6 ± 0.05 at 25°C.

Description:

TBS Tween™ 20 (TBS-T) is a high quality, reliable and non-toxic buffer ideal to remove excess material, decreasing non-specific background staining. It is preferably used with alkaline phosphatase or peroxidase-conjugated antibodies.

Advantages & Features:

- ✓ **Reliable:** rigorous quality control standards to guarantee lot-to-lot consistency.
- ✓ **High Quality:** free of DNase, RNase or protease contamination.
- ✓ **Really fast and easy procedure:** results in few seconds with minimal handling steps.
- ✓ **Safe:** non-toxic to cells.
- ✓ **Accurate:** eliminates variables in laboratory work flow.

Applications:

- ✓ Washing nitrocellulose membrane in Western Blot and microtiter plate wells in ELISA assays.
- ✓ Blocking buffer for plate based assays.

Quality control:

- ✓ Strict quality controls in every phase of manufacturing to guarantee the highest quality and reproducibility.

Tris-Glycine Buffer (pH 8.3)



Pouch format:

Cat No.	Size
BR0050	1 pouch
BR0051	5 pouch

Includes for 1 pouch:

- Exactly pre-weighed pouches (1,000 mL/pouch)

Aqueous solution format:

Cat No.	Size
BR0055	1 L (10x)

Includes for 1 unit:

- 1,000 mL of Tris-Glycine Buffer (10x)



Specifications:

Chemicals: Analytical grade.

Composition: 0.025 M Tris, 0.192 M glycine.

pH: 8.3 ± 0.2 at 25° C.

Description:

Tris-Glycine buffer (TG) is high quality, reliable and consistent running buffer in native (non-denaturing) homogeneous and gradient poly-acrylamide gel electrophoresis (PAGE) of proteins. Tris-glycine gels resolve proteins by size. However, very small proteins and peptides do not resolve well due to interference from the glycine/pH discontinuity front.

It is also used to make Tris-glycine/20% methanol Western transfer buffer, which is the most frequently used protein transfer buffer for wet blot transfers.

Advantages & Features:

- ✓ **Reliable:** rigorous quality control standards to guarantee lot-to-lot consistency.
- ✓ **High Quality:** free of DNase, RNase or protease contamination.
- ✓ **Proven performance:** for protein electrophoresis.
- ✓ **Consistency guaranteed.**

Applications:

- ✓ Protein electrophoresis.
- ✓ Denatured protein electrophoresis.
- ✓ Polyacrylamide gel electrophoresis.
- ✓ Western blotting.

Quality control:

- ✓ Strict quality controls in every phase of manufacturing to guarantee the highest quality and reproducibility.

Related Products:

- Custom solutions (p.147)

Tris-Glycine SDS Buffer (pH 8.3)



Pouch format:

Cat No.	Size
BR0052	1 pouch

Includes for pouch:

- Exactly pre-weighed powder (1,000 mL/Pouch)

Aqueous solution format:

Cat No.	Size
BR0053	1 L (10x)

Includes for 1 unit:

- 1,000 mL of Tris-Glycine SDS (10x)



Specifications:

Chemicals: analytical grade.

Composition: 0.025 M Tris, 0.192 M glycine, 0.10% SDS.

pH: 8.3 ± 0.2 at 25° C.

Description:

Tris-glycine-SDS (TG-SDS) is high quality, reliable and consistent buffer that incorporates the denaturing agent sodium dodecyl sulphate (SDS). Protein electrophoresis under denaturing conditions (SDS-PAGE) involves separating proteins based on their size. By treating the sample under denaturing and reducing conditions with SDS, proteins unfold and become coated with SDS detergent molecules.

Advantages & Features:

- ✓ **Reliable:** rigorous quality control standards to guarantee lot-to-lot consistency.
- ✓ **High Quality:** free of DNase, RNase or protease contamination.
- ✓ **Convenient:** available in pouches and time-saving ready-to-use solution.
- ✓ **Complete solution:** includes the denaturing agent SDS.
- ✓ **Proven performance:** for protein electrophoresis.
- ✓ **Consistency guaranteed.**

Applications:

- ✓ Protein electrophoresis.
- ✓ Denatured protein electrophoresis.
- ✓ Polyacrylamide gel electrophoresis.
- ✓ Western blotting.

Quality control:

- ✓ Strict quality controls in every phase of manufacturing to guarantee the highest quality and reproducibility.

Related Products:

- Custom solutions (p.147)

0.5M EDTA Solution (pH 8.0)



Pouch format:

Cat No.	Size
BR0060	1 pouch

Includes:

- Exactly pre-weighed powder (500 mL/pouch)



Aqueous solution format:

Cat No.	Size
BR0061	100 mL

Includes:

- 100 mL of 0.5M EDTA Solution

Specifications:

Chemicals: analytical grade.

Concentration: 0.5 M EDTA.

pH: 8.0 ± 0.05 at 25 °C.

Description:

Ethylene-diamine-tetra acetic acid (EDTA) is a high quality, reliable and safe solution that sequesters a variety of polyvalent cations such as Ca^{2+} and Mg^{2+} . EDTA is usually used like inactivator of metal-dependent enzymes, preventing damage to DNA and RNA.

In cell cultures is used to avoid cumping of cells in liquid suspensions, as EDTA binds to calcium and prevents joining of cadherins between cells.

Advantages & Features:

- ✓ **Reliable:** rigorous quality control standards to guarantee lot-to-lot consistency.
- ✓ **High Quality:** free of DNase, RNase or protease contamination.
- ✓ **Time-saving** due its ready-to-use format that avoids experiment preparation time.
- ✓ **Safe:** prevents damage to DNA and RNA.

Applications:

- ✓ Anticoagulant for blood samples and its storage.
- ✓ Abduct the metal required to metal-dependent enzyme, inactivating the reactions.
- ✓ Avoid junctions between cells by cadherins, usually used to cell culture procedures.
- ✓ Used in TAE and TBE buffers because it inhibits metal-dependent nucleases by chelating the divalent cations (Ca^{2+} Mg^{2+}), protecting the DNA from nucleases during the run.
- ✓ Added to TE buffer, used to solubilize DNA and RNA, inactivating nucleases by binding to metals cations required by these enzymes.

Quality control:

- ✓ Strict quality controls in every phase of manufacturing to guarantee the highest quality and reproducibility.

TE (10x) (pH 7.4)



Pouch format:

Cat No.	Size
BR0011	1 pouch
BR0012	5 x 1 pouch

Includes:

- Exactly pre-weighed powder (1,000 mL/pouch)

Aqueous solution format:

Cat No.	Size
BR0013	1 L (10x)

Includes:

- TE Ready-to-use Solution (10x)



Related Products:

- Custom solutions (p.147)

Specifications:

Chemicals: analytical grade.

Composition: 0.1 M Tris-HCl, 0.010 M EDTA (10x).

pH: 7.4 ± 0.05 at 25 °C.

Description:

Tris-EDTA (TE) is a high quality, reliable and convenient solution which incorporates a buffer, Tris and chelating agent, EDTA. EDTA avoids the degradation of DNA and RNA by kidnapping of magnesium or other divalent metal ions.

Generally, TE is used to solubilize DNA and RNA, protecting it from degradation. Moreover, in immunohistochemical, formalin and other aldehyde fixation produce protein cross-link that masks the antigenic sites giving weak or false negative. With TE buffer breaks the protein cross-link, unmasks the antigenics and epitopes and therefore enhances staining intensity of antibodies.

Advantages & Features:

- ✓ **Reliable:** rigorous quality control standards to guarantee lot-to-lot consistency.
- ✓ **High Quality:** free of DNase, RNase or protease activities.
- ✓ **Complete solution:** includes chelating agent.
- ✓ **Versatile and convenient:** pH adjusted for DNA/RNA work.
- ✓ **Sterile:** by autoclaving or filtration.

Applications:

- ✓ DNA and RNA procedures, as electrophoresis, storage, extraction and others.
- ✓ Immuno-histochemistry procedures.

Quality control:

- ✓ Strict quality controls in every phase of manufacturing to guarantee the highest quality and reproducibility.

TAE (10x) (pH 8.3)



Cat No.	Size
BR0020	1 L

Includes for 1 L:

- 1,000 mL TAE (10x)



Related Products:

- Custom solutions (p.147)

Specifications:

Chemicals: analytical grade.

Format: 10x solution.

Concentration: 40 mM Tris, 20 mM Acetic Acid and 1mM EDTA (1x).

pH: 8.3± 0.05 at 25° C.

Description:

TAE is a high quality, reliable and versatile buffer. It is useful due its basic pH that allows migrations of the DNA through the gel toward the positive anode. TAE buffers are used for the analyses of DNA products resulting from PCR amplification, DNA purification, or DNA cloning experiments.

TAE has a low ionic strength and buffering ability, it used to separating DNA larger than 1,500 bp and easily recovers the DNA from gel.

Advantages & Features:

- ✓ **Reliable:** rigorous quality control standards to guarantee lot-to-lot consistency.
- ✓ **High Quality:** free of DNase, RNase or protease activities.
- ✓ **Time-saving** due its ready-to-use format that avoids experiment preparation time.
- ✓ **Complete solution:** includes chelating agent.
- ✓ **Versatile:** pH adjusted for DNA/RNA work.
- ✓ **Sterile:** by autoclaving or filtration.

Applications:

- ✓ Running buffer and gels for RNA analysis native and denaturing.
- ✓ Polyacrylamide and agarose gels.
- ✓ Nucleic acid electrophoresis.
- ✓ Transfer buffer in Northern Blotting.

Quality control:

- ✓ Exempt of DNase, RNase or protease activities guaranteed by appropriate quality tests.

TBE (10x) (pH 8.3)



Cat No.	Size
BR0030	1 L

Includes for 1 unit:

- 1,000 mL TBE (10x)



Related Products:

- Custom solutions (p.147)

Specifications:

Chemicals: analytical grade.

Format: 10x solution.

Composition: 0.89 M Tris-Borate, 0.02M EDTA (10x).

pH: 8.3 ± 0.15 at 25° C.

Description:

TBE is a high quality, reliable and versatile buffer for DNA and RNA polyacrilamide gel electrophoresis. It is useful due its basic pH, which allows migrations of the DNA through the gel toward the positive anode. TBE buffers are used for the analysis of DNA products resulting from PCR amplification, DNA purification, or DNA cloning experiments.

TBE has high resolution for separating smaller DNA fragments but it is complicated recovery DNA from gel.

Advantages & Features:

- ✓ **Reliable:** rigorous quality control standards to guarantee lot-to-lot consistency.
- ✓ **High Quality:** free of DNase, RNase or protease activities.
- ✓ **Time-saving** due its ready-to-use format that avoids experiment preparation time.
- ✓ **High purity of components used.**

Applications:

- ✓ Nucleic acid electrophoresis.
- ✓ Running buffer and gels for RNA analysis native and denaturing.
- ✓ Polyacrylamide and agarose gels.
- ✓ Transfer buffer in Northern Blotting.

Quality control:

- ✓ Exempt of DNase, RNase or protease activities guaranteed by appropriate quality tests.

1M Tris Buffer (pH 7.4)

Ready-to-use format:

Cat No.	Size
BR0070	1 L

Includes for 1 units:

· 1,000 mL Tris-HCl



Related Products:

· Custom solutions (p.147)

Specifications:

Chemicals: analytical grade.

Concentration: 1M Tris-HCl.

pH: 7.4 ± 0.05 at 25° C.

Description:

Tris-HCl or Tris (hydroxymethyl)-aminomethane hydrochloride is a high quality, reliable and rapid solution used in a variety of biological systems. Their uses include pH control *in vitro* and *in vivo*, being that coincides with the typical pH of most living organism. In Molecular Biology laboratories are used buffering system for electrophoresis assays (TAE and TBE).

Advantages & Features:

- ✓ **Reliable:** rigorous quality control standards to guarantee lot-to-lot consistency.
- ✓ **High Quality and purity:** free of DNase, RNase or protease contamination.
- ✓ **Time-saving** due its ready-to-use format that avoids experiment preparation time.
- ✓ **High purity** of components used.

Applications:

- ✓ Several techniques in Molecular Biology and biochemistry.
- ✓ Electrophoresis buffer running.
- ✓ Cell cultures assays.

Quality control:

- ✓ Exempt of DNase, RNase or protease activities guaranteed by appropriate quality tests.

The background of the page features a microscopic view of plant tissue, showing a grid of cells with prominent cell walls. The image is in shades of brown and tan, with a wavy line separating the top and bottom sections.

13. Services

Custom cloning

RNA services

Molecular Microbiology

R&D Services

Protein Expression Services

Polyclonal & Monoclonal Antibody Production

Services

Advantages & features

- ✓ **Top quality:** experienced and well trained staff and reliable Canvax's innovative products used ensure you the highest quality standards.
- ✓ **Results guaranteed:** our team performs all this tasks daily, to premium customers or to our leading R&D.
- ✓ **Trustworthy:** confidentiality agreement, experienced technical advice, regular updates, and much more.
- ✓ **Custom-tailored and Modularised services:** to assure that every step meets your needs.

Custom cloning

As a highly expert company in cloning and expression, Canvax offers time-saving services for plasmids with different antibiotic markers, copy numbers, promoters, tags or fusions. Our team synthesize daily genes and sequences of any origin and sub-clone them in the most suitable customized-vector depending on your needs: constitutive or inducible expression, translation-transcriptional reporters, introduction of selectable markers for stable cell line generation, IP-free plasmid backbones or "de novo" constructions and much more.

Some examples of the services that Canvax offers:

- PCR cloning & subcloning.
- Screening and transformation of *E. coli*.
- Gene synthesis.
- Minipreps and maxipreps.
- DNA barcoding.
- Restriction, purification and ligation of DNA.
- Transcriptional and translational fusions.
- Epitope tagging.
- Competent cells production.

RNA services

Thanks to our deep understanding of RNA, Canvax offers high level services like:

- cDNA synthesis.
- sRNAs analysis.
- Quantitative RT-PCR analysis.
- RNA extraction/isolation.
- Northern blot.
- *In vitro* RNA transcription.
- RACE.

Molecular Microbiology

Some examples of the genetic tools Canvax can use and customize are:

- Engineering yeast, Gram-positive and Gram-negative bacteria, with bio-safety levels 1 and 2.
- Versatile shuttle vectors to introduce exogenous DNA in certain bacterial species using plasmids and phages.
- Random mutagenesis and overexpression process including transposition, bank generation and screening steps.
- Reporter genes based on fluorescence or luminescence.
- Chromosomal gene inactivation and aminoacidic changes in different bacterial species.

R&D Services

Canvax is expert in designing and constructing microorganisms with broad biotechnological applicability, such as:

- Probiotics.
- Live attenuated vaccines (LAV).
- Subcellular vaccines.
- Biofactories for recombinant proteins and molecules.
- Amino acid, mineral and vitamin-enriched food supplements.

Protein Expression Services

Our high level Protein Expression Services in Bacteria, Baculovirus and Mammalian from gene cloning to large-scale production, include:

- Codon optimization.
- POC assays expression in bacterial and yeast platforms.
- Small scale recombinant protein production.
- cDNA Synthesis & Cloning.
- Expression trials.
- Double affinity-exclusion purification steps to 20 mg.

Polyclonal & Monoclonal Antibody Production

Thanks to our novel Recombinant Antibodies Technology, Canvax offers high quality Polyclonal and Monoclonal antibody Production services, in rabbit and mouse, or additional services like:

- Protein A Antibody Affinity purification.
- Peroxidase & Biotin coupling.
- Functional validation in ELISA.
- Western Blot.
- Immunohistochemistry.
- Flow cytometry services for analysis and sorting of cells.
- Purification by protein G.
- Antibody Isotyping and Characterization assays.
- Liquid N2 storage (1 year).
- Hybridoma cell culture and antibody purification.
- Production and purification of scFvs, Fabs, vNARs or VHh.

Canvax performs all its procedures, protocols and animal experimentation care according to the specifications established on "Protection of animals used for experimentation and other scientific purposes" in Spanish Real Decreto 21/10/2005.

Ordering Terms and conditions

Please, read the Terms and conditions below before a purchase. If you place an order, you confirm that you understand and agree with all of them.

Warranty:

Canvax warrants that all its products will meet the specifications accompanying the technical literature and agrees to replace the product free of charge if the product does not conform to the specifications but, please, the notice for replacement must be given within the next 15 days after receipt of the product, or if the product was damaged during shipping, within 3 days after receipt of the product. In consideration of the above undertakings by Canvax Biotech SL, the purchaser agrees to and accepts the following conditions:

- (1) This warranty is in lieu of all other warranties, expressed or implied,**
- (2) ALL WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY EXCLUDED OR WAIVED,**
- (3) The purchaser's sole remedy shall be to obtain replacement of the product free of charge from Canvax.**

This remedy is in lieu of all other remedies or claims for damages, consequential or otherwise, which the buyer may have against Canvax Biotech SL.

Use of Products:

Canvax's kits and reagents are for research or laboratory use only and must not to be used for diagnostic, on Humans or for any drug purposes.

Discontinuation of Products:

Canvax reserves its right to discontinue the offering of any item without prior notice.

Product Shipping and Delivery:

All our products are transported in appropriate conditions to maintain intact all the properties inherent to its expected output. For most countries, the delivery occurs within two to five working days, except in case of stock rupture. Shipping costs may apply and the necessity of dry ice is signalled in the products and extra charge may apply.

Pricing and Payment Terms:

To know more about economic terms and the most up-to-date version of pricing please contact your closest distributor or Canvax agent.

For direct purchases from Canvax, invoices will be due within 30 days from issue date and advanced Payment may be required. In this case, banking expenses are fully supported by the client and orders will only be processed upon payment validation.

Notice to the purchaser:

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OEM & Bulk partnerships Lab Start-Up Program

As original manufacturer of the most reliable, cost-effective and easy-to-use innovative Molecular Biology research solutions, Canvax also offers its products in OEM version or Bulk quantities directed to special customers, who wants fast access to high quality technologies and products, with complete confidentiality.

Being the manufacturer of our products allows us to offer to our customers a high variety of options and flexibility to meet their unique needs at a reasonable price.

Are you starting a new research lab?

As Scientists, we know how hard is starting a new research laboratory with adjusted resources and budgets. Canvax is committed to help young scientists to achieve their dream to begin a new lab, offering them special offers on our reliable, cost-effective and easy-to-use innovative tools for research. Thanks to our Program and promotions, you can save valuable time and make the most within your budget.

Business Development & Licensing

Do you have something to offer us?

Canvax is always interested on introducing new products, technologies or concepts (e.g. purchase or license), collaborative proposals and partnerships, with other companies, institutions, research institutes or universities globally.

Find out more at canvaxbio.com



Cloning & Expression Training services

Knowledgeable and highly trained specialist

We know how hard it is to get started with a new technique and all the time, effort and funds necessary to optimize it. To help you to learn it faster, Canvax offers World Class Program, practical and one-to-one training sessions, in Cloning and Expression field, at our facility in Córdoba (Spain) or in the customer's laboratory.

All of our specialist educators boast an unbeatable combination of practical experience and theoretical expertise. Our professional team are skilled practitioners, who have several years' experience working daily in the selected technique.

For this reason, Canvax guarantees that 100% learners perform the technique successfully.

Citations

Have you published a research article using Canvax Products?

Every customer who provides us a product citation in a published article (in e.g. Materials and Methods section) or originally written Application Note and allows us to include on our website and use it as a reference or link, will receive directly a 50€ Amazon gift card.

A close-up photograph of a hand holding a multi-well plate. The plate has several wells, each containing a red liquid. The wells are numbered 1 through 5. The background is a solid red color. The image is split horizontally by a white curved line.

Unique Price/Performance Ratio

Canvax's reagents, kits and services are manufactured and delivered with the highest quality standards, offering a unique Price/Performance Ratio, guaranteeing a Total Customer Satisfaction.

Ask us for free samples!

Alphabetical List by Product Name

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Taste Receptor, type 2, member 5	73	Neomycin		p2RVa-SEAP/ΔNGFR	30
Trace amine associated Receptor 1	73	Powder format	127	p2RVa-SEAP/eGFP	30
Trace amine associated Receptor 2	73	Ready-to-use format	127	p2RVa-LacZ/ΔNGFR	30
Trace amine associated Receptor 6	74			p2RVa-LacZ/ eGFP	30
Trace amine associated Receptor 8	74	P		Reverse Transcriptase	
Trace amine associated Receptor 9	74	PBS (pH 7.4)	133	M-MLV (200 u/μl)	110
Urotensin 2 Receptor	74	Antibodies Production services	140	AMV (10 u/μl)	110
Green-Taq DNA Polymerase		Polyclonal Antibodies		RNA	
Horse-Power™ MasterMix (2x) (Green)	107	Rabbit Anti-ANXA1	123	HigherPurity™ Tissue Total	98
H		Rabbit Anti-ANXA2	123	HigherPurity™ Plant	97
High Fidelity DNA Polymerase		Rabbit Anti-ANXA3	123	HigherPurity™ RNA Total (All sizes)	99
FastPANGEA™	105	Rabbit Anti-ANXA5	123	HigherPurity™ Blood/Cultured Cell Total	98
FastPANGEA™ MasterMix (2x)	105	Rabbit Anti-ANXA6	123	RNA services	140
Hot Start		Rabbit Anti-ANXA9	123	RNase A	111
HotBegan™ (5 U/μL)	104	Rabbit Anti-ANXA10	123		
HotBegan™ MasterMix (2x)	104	Rabbit Anti-FGF2	123	S	
Hygromycin B		Rabbit Anti-KAL1 (Anosmin 1)	123	Sample Collection	
Powder format	127	Protein Expression Services	140	Saliva Sample	100
Ready-to-use format	127	Proteinase K	112	Stool sample	99
I		Puromycin dihydrochloride		Senescence Detection Kit	
IgG from rabbit serum	123	Powder format	127	SA-B-gal Staining	80
IPTG	19	Ready-to-use format	127	Serum	
K		R		Bovine Plasma w/ Sodium Citrate	124
Kanamycin sulphate	126	R&D Services	141	Bovine Serum Albumin (BSA)	124
L		Recombinant proteins		Chicken Serum	124
Lambda DNA/HindIII Marker	116	Human AKT1	120	Donkey Serum	124
Lentiviral Dual Reporters Plasmid Control		Human ANXA1	120	Donor Foal Serum	124
p2LVc-SEAP/ΔNGFR	31	Human ANXA2	120	Fetal Bovine Serum (FBS)	124
p2LVc-SEAP/eGFP	31	Human ANXA3	120	Goat Serum	124
p2LVa-SEAP/ΔNGFR	31	Human ANXA4	120	Guinea Pig Serum	124
p2LVa-SEAP/eGFP	31	Human ANXA5	120	Horse Serum	124
pASSEMBLE™ Lentiviral Packaging System	33	Human ANXA6	120	Human Plasma pooled	124
Loading buffer		Human ANXA9	120	Human Serum Albumin Lyophilised	124
6X BX	117	Human ANXA10	120	Lamb Serum	124
6XB	117	Human BMP4	120	Mouse Serum	124
6X OX	117	Human BTLA	120	Pig Serum	124
Long PCR DNA Polymerase		Human Calcineurin heterodimer	120	Rabbit Plasma w/ EDTA	124
FastPANGEA™	106	Human CTHRC1	120	Rabbit Serum	124
FastPANGEA™ MasterMix (2x)	106	Human CXCL1	120	Rat Plasma w/ Lithium Heparin	124
Luciferase Assay Kit		Human CXCL3	120	Rat Serum	124
Firefly	82	Human CypA	120	Sheep Serum	124
M		Human DIABLO	120	Site-directed Mutagenesis	
Magnetic Beads Isolation		Human EDIL3	120	PickMutant™ kit	19
MagBeads™ Bacteria G (-)	94	Human EFN2	120	SNP Taq DNA Polymerase	110
MagBeads™ Bacteria G (+)	95	Human EMILIN1	120	T	
MagBeads™ PCR Clean-up	95	Human FGF2	120	T4 DNA Ligase	111
MagBeads™ Plant	97	Human FGF3	120	T4 DNA Polymerase (5 U/μL)	109
MagBeads™ Plasmid	96	Human FKBP12	120	TA DNA Cloning	
MagBeads™ Yeast	96	Human FLT3LG	120	pSpark® TA & TA Done	16
Magnetic Particles		Human GABPB1	120	pMBL-TM Vector	17
CaxBeads™ AmineLC	130	Human GRB2	120	TAE (10x) (pH 8.3)	137
CaxBeads™ BetaCD	130	Human GTF2E1	120	Horse-Power™ Taq DNA Polymerase	
CaxBeads™ C18	129	Human HN1	121	Horse-Power™ (5 U/μL)	103
CaxBeads™ C4	129	Human IFITM2	121	Horse-Power™ (1 U/ μL)	103
CaxBeads™ C8	129	Human IFITM3	121	Horse-Power™ + TruePure™ dNTPs	103
CaxBeads™ Citrate	130	Human IL6 (Interleukin 6)	121	Horse-Power™ MasterMix (2x)	103
CaxBeads™ Cyane	130	Human IL6 (Interleukin 6)	121	TBE (10x) (pH 8.3)	137
CaxBeads™ DEAE	129	Human IL8 (72aa residues)	121	TBS (pH 7.6)	
CaxBeads™ EpoxiLC	130	Human IL8 (77aa residues)	121	Tablet Format	134
CaxBeads™ EpoxiSC	130	Human KAL1	121	with Tween™ 20 (Tablet Format)	134
CaxBeads™ IDA	129	Human KAL1 Overexpression lysate	121	TE (10x) (pH 7.4)	136
CaxBeads™ Imidazol	131	Human LCN2 (Lipocalin 2)	121	Tetracycline hydrochloride	126
CaxBeads™ Oleic	131	Human MEF2A	121	Transfection	
CaxBeads™ Polyamine	131	Human MMP11	121	CANFAST™	76
CaxBeads™ Thiol	131	Human MMP7	121	Tris	
CaxBeads™ Thiosulfate	131	Human PD2A	121	1M (pH 7.4)	138
CaxBeads™ Tosyl	131	Human RAB2A	121	Tris-Glycine SDS (pH 8.3)	135
CaxBeads™ Triazine	131	Human SEPT5	121	U	
CaxBeads™ Tris	130	Human SPARC	121	Ultrapur™ Nucleotides	
Molecular Microbiology services	141	Human SPP1	121	dATP	114
Monoclonal Antibodies		Human TCEAL2	121	dCTP	114
Mouse Anti-LCN2	123	Human TDGF1	121	dGTP	114
Mouse Anti-ANXA4	123	Human TERF1	121	dTTP	114
Mouse Anti-EFN2	123	Human TIMP1	121	dNTP set	115
Mouse Anti-NR1H4	123	Human TNFα	121	dNTP Mix	115
Mouse Anti-BMP4	123	Human VEGF A	121	Universal DNA Cloning	
Mouse Anti-FGF2	123	Red-Taq DNA Polymerase		pSpark® Universal	18
Mouse Anti-KAL1	123	Horse-Power™ MasterMix (2x) (Red)	107	X	
Mouse Anti-FITC	123	Reporter Gene Assay Kit		X-Gal	19
		SEAP	80		
		Retroviral Dual Reporters Plasmids			
		p2RVc-SEAP/ΔNGFR	30		
		p2RVc-SEAP/eGFP	30		
		p2RVc-LacZ/ΔNGFR	30		



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