

Your Easy Genetics Laboratory



Lisboa - Porto - Madrid - São Paulo - Milano

Dear client and partner,

It's awesome to share with you how excited I am about the future. It's incredibly rewarding to work in a field where me and my team can help to make new discoveries involving genetics - like the human genome or new diagnostic panels.

Our vision is that DNA data and related data will immensely improve not only the quality of life, but also contribute to sustainability of resources and better relation with Nature. We want to be part of this fantastic path, and enjoy it even more if together with you!

It has been 16 exciting years of learning and growing, and meeting many new customers from different geographies. We are now an ISO certified company with a brand new label "SME leader" given by the Portuguese Government. Thanks for being part of it.

Please contact us for your new project or for a research partnership, we will be glad to either be your genetics provider or your H2020 SME partner.

Million thanks for your trust, and as we say inside the team:

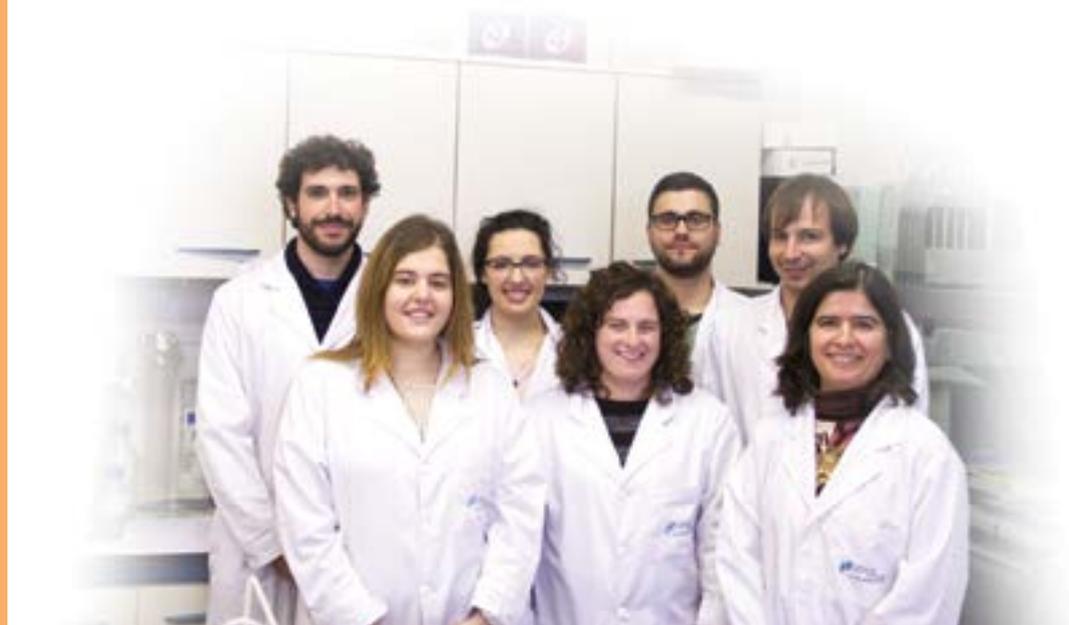
"The client is the real hero of our story!"

Orfeu Flores
CEO, STAB VIDA, Lda.

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SANGER SEQUENCING SERVICE



SANGER SEQUENCING SERVICE



With more than a decade of experience in Sanger sequencing, **STAB VIDA** is the most trusted company for your DNA sequencing project. Get high standard results with short delivery times and personalised customer support. Our laboratories are fully equipped with cutting edge technology to provide you the best service of the market.

Send us your PCR products and/or Plasmids and receive high quality and accurate results in 24h to 48h max.

Choose the service that best suits your project from our 3 available options: Premium sequencing; You Tube It & You Plate It sequencing or Run Only sequencing.

We make shipment of samples easy for you: just use our FREE refrigerated collection points, located in your institute or nearby, to ensure safe transport of your samples. If you don't have a collection point yet, ask us for one today totally free of charge.

**High Quality results with competitive prices.
Choose the best service in Europe for your
DNA sequencing project.**

contact us:

sales@stabvida.com

YOU TUBE IT & YOU PLATE IT DNA SANGER SERVICE

You Tube It / You Plate It is **STAB VIDA's** low cost service for your DNA sequencing by the Sanger method. It's a simple and economic option. Prepare the (DNA + primer) mixture yourself, following our recommendations (see below) and add one of our barcodes to each of your tubes or plates. You can request barcodes from us for free (go online or call us).

You Tube It and You Plate It are our innovation offer for your important projects, you do half... and we will complete your job!

You Tube It

Regardless of the number of reactions	3.95 €/reaction*
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*Get a discount on buying a prepaid pack (page 10), you can save 0.20 €/reaction

You Plate It

Half 96-well Plate	149 € (3.1 €/reaction)
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96-well Plate	249 € (2.62 €/reaction)
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Requirements of the mixture to send us:

	PCR Product	Plasmid < 10 kb	Plasmid > 10 kb
Start with: 10 µL DNA (Purified)	≥ 20 ng/µL	100 ng/µL	500 ng/µL
Add: 3 µL Primer	10 pmol/µL	10 pmol/µL	10 pmol/µL

Disclaimer: Sequencing reactions cannot be repeated.

FREE shipment of your samples in Portugal and Spain.
Results in 24h/48h.

Make your mix.. pay less.



contact us:

sales@stabvida.com

RUN ONLY SERVICE

For Run Only sequencing service, you are the one who mixes the DNA, the primer and the BigDye in the correct amounts. Once received in our labs, **STAB VIDA** runs your reactions at our ABI 3730 xl sequencers.

This is the lowest-cost choice for your sequencing project.

Tube

Regardless of the number of reactions 2.95 €/reaction

Plate

96-well Plate 199€ (2.09 €/reaction)

Sample requirements:

The samples need to be prepared with the standard conditions to run in a sequencer.
The Big Dye kit used needs to be mentioned.

FREE shipment of your samples in Portugal and Spain.
Results in 24h/48h.



**Ideal for
core facilities...
save on equipment
and maintenance
costs.**

SEQUENCING PACKS

Prepaid packs of our DNA sequencing services are pack of 100 Premium Rxs or 50 You Tube It Rxs.

Easy ordering process: it allows saving money when multiple sequencing reactions are bought. Save in time, logistics, management and costs since you will be invoiced only once.

You can manage the use of your pack and/or credits on-line and check its history of movements. Once a new order is sent to **STAB VIDA**, it will automatically discount the equivalent reactions on your total pre-paid pack or credits.

Premium service

Pack of 100 reactions (meaning 5.45 €/Premium reaction)	545 €
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You Tube It

Pack of 50 reactions (meaning 3.75 €/You Tube It reaction)	187.5 €
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Moreover, our packs do not have an expiry date. Nor a minimum amount of reactions per order.

We offer you also the possibility of buying a credit of 5000 € and get additional 500 € as our offer and you can use it in all the services we provide! Keep an eye on our website (www.stabvida.com) and take advantage of upcoming promotions for new credits.

You can manage the use of your packs and credits online via your personal area on www.stabvida.com.

Easier and economic...
More time for your
research.



contact us:

sales@stabvida.com

NEXT GENERATION SEQUENCING



NEXT GENERATION SEQUENCING



**NEXT-GEN
WITH STAB VIDA**
ISO 9001 CERTIFIED QUALITY

WWW.STABVIDA.COM

The past years have brought a shift in DNA or RNA sequencing strategies. With more than a decade of experience in nucleic acids sequencing, **STAB VIDA** offers the best value for money for Next-Generation Sequencing (NGS) technology. We have the capacity to perform your massive sequencing project with high-level of confidence and always with a personalised customer support.

Try our new strategies to sequence your genomes, exomes, transcriptomes, etc, of different sizes and origins. Apply massive parallel sequencing and enjoy the possibility of producing millions of sequencing reads for each sample within a single experiment that will answer demand for a fair price.

In **STAB VIDA** we offer a service of NGS, proposing three different platforms: Ion Torrent™ and Illumina® HiSeq®2500 or MiSeq®, to deliver the best service for your needs.

Get millions of sequences for each of your samples.

PLASMID AND MITOCHONDRIAL DNA SEQUENCING

Get your plasmid constructs and your mtDNAs sequenced with coverage adjusted to your needs.

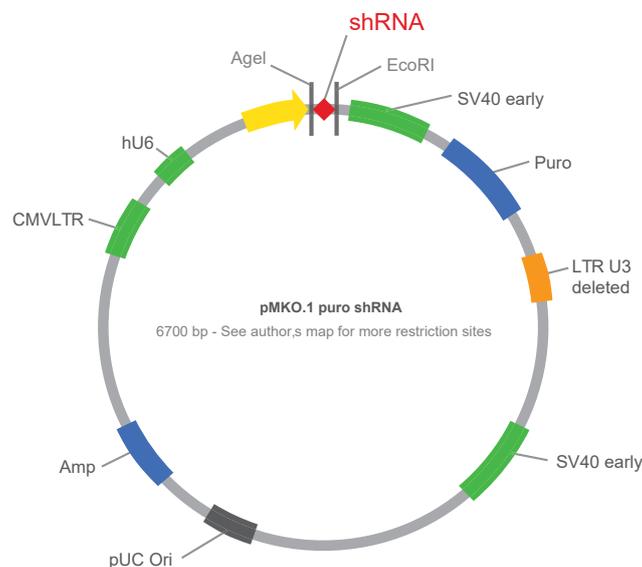
Plasmids are essential tools used in genetic engineering for both gene transformation and genetic manipulation of prokaryotic and eukaryotic cells. They are very valuable when it comes to synthesizing proteins of interest in large quantities (e.g. insulin or antibiotics). Mitochondrial DNA sequencing is a useful tool for studying certain cancers, aging, population genetics and biodiversity assessments. Use our service also to find out heteroplasmic mutations from your samples.

Using the Ion Torrent™ platform and expert bioinformatics software, we obtain high quality raw data and perform meticulous bioinformatics analysis, if desired.

N° of samples	Genome ≤ 50Kb	
	Raw Data 400 000 reads (€/sample)	Bioinformatics* (€/sample)
≥ 5	295 €	90 €

* Mapping to Reference, Re-seq analysis (Quality filtering, Mapping, Variant detection)
OR *de novo* assembly, (Quality filtering, assembly, assembly correction)

For each project, please ask us a personalised quotation (coverage and Bioinformatics analysis suited to your needs). Join samples and get a huge discount!



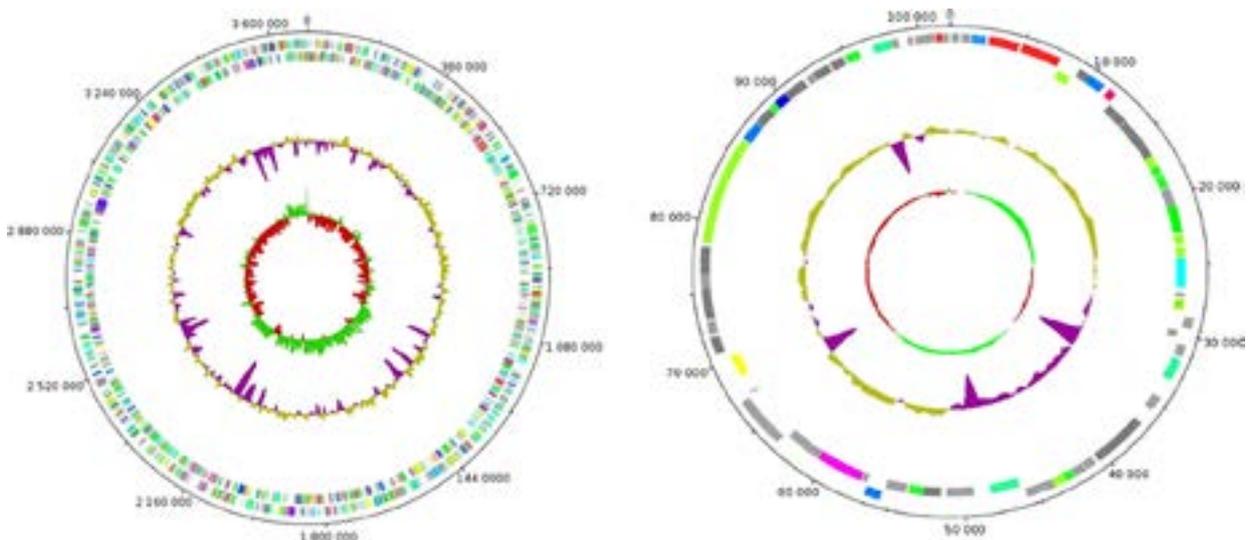
WHOLE GENOME SEQUENCING

Trust your *de novo* sequencing project to our team. Over the past years, **STAB VIDA** has developed remarkable expertise in Genome Sequencing, using a combination of NGS platforms, from Ion Torrent™ to HiSeq®2500, depending on the size of the genome and your objective. We will offer you the full raw data, *de novo* genome assembly or basic reference alignment. Moreover, automatic annotation is also possible to include in your order.

N° of samples	Genome ≤ 10 MB		Genome ≥ 10Mb	
	Raw Data: 10 Million Reads, PE100 (€/sample)	Bioinformatics (€/sample)	Raw Data (€/sample)	Bioinformatics (€/sample)
< 5	375 €	150 €	Please ask a quotation	
≥ 5	325 €	100 €		

* Mapping to Reference, Re-seq analysis (Quality filtering, Mapping, Variant detection) OR *de novo* assembly, (Quality filtering, assembly, assembly correction)

For each project, please ask us a personalised quotation (coverage and Bioinformatics analysis suited to your needs). Join samples and get a huge discount!



- Cell motility
- Chromatin structure and dynamics
- Amino acid transport
- Nucleotide transport and metabolism
- Replication, recombination and repair
- Posttranslational modification, protein turnover, chaperones
- General function, prediction
- Coenzyme transport and metabolism
- Transcription
- Inorganic ion transport and metabolism
- Secondary metabolites, biosynthesis, transport and catabolism
- Sign transduction mechanisms
- Cell wall, membrane, envelope biogenesis
- Translation, ribosomal structure and biogenesis
- Energy production and conversion
- Cell cycle control, cell division, chromosome partitioning
- Carbohydrate transport and metabolism
- No function
- Lipid transport and metabolism
- Defense mechanisms

contact us:

sales@stabvida.com

RNA SEQUENCING

RNA-Seq allows the detection and identification of nearly every class of molecules that are transcribed. Analyze whole transcriptomes to study gene expression analysis or marker discovery. RNA-Seq doesn't require prior knowledge of genes sequences, gives you complete coverage of transcriptome and provides information about exon structure and alternative splicing events.

STAB VIDA works with several platforms to tailor your NGS experiment so that it fits your needs in cost-effective manner. In addition, our company offers a complete bioinformatics study of your sequencing results.

STAB VIDA can also provide the service of Small RNA sequencing.

N° of samples	Prokaryote	Eukaryote		Bioinformatics* (€/sample)
	TruSeq with Ribo-Zero Kit Raw data: 20 Million reads, PE100 (€/sample)	TruSeq with Ribo-Zero Kit Raw data: 40 Million reads, PE100 (€/sample)	TruSeq mRNA Kit Raw data: 40 Million reads, PE100 (€/sample)	
< 5	675 €	825 €	690 €	150 €
≥ 5	575 €	710 €	590 €	100 €

*Quality control, Trimming, Mapping to reference, Expression analysis, and Differential expression analysis.

For each project, please ask us a personalised quotation (coverage and Bioinformatics analysis suited to your needs). Join samples and get a huge discount!



Certified Company



METAGENOMICS

Study the nucleic acids of entire microbial communities without isolating them. Metagenomics performed at **STAB VIDA** is a valuable tool that facilitates the construction of genomic libraries of complex samples.

This technology can provide information about microbial communities derived from diverse origins, water, soil, skin, digestive tract, among others. It supplies information not only about the community structure (species richness, diversity and distribution) but also about the possible potential functions.

STAB VIDA will help you in the elaboration of your project, recommending and using the best platform for each project. Tell us about your project and receive the best data quality with optional bioinformatics for a fair price.

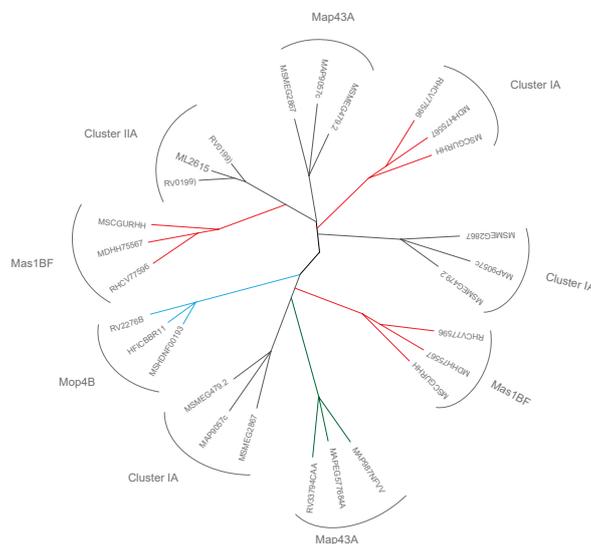
16S

N° of samples	10	20	30	≥48
Ion Torrent™ 100 000 reads (€/ sample)	285 €	215 €	195 €	---
Illumina® MiSeq® 100 000 reads (€/ sample)	---	Ask a quotation	Ask a quotation	115 €

ITS

N° of samples	10	20	30	≥48
Illumina® MiSeq® 100 000 reads (€/ sample)	---	Ask a quotation	Ask a quotation	115 €

For each project, please ask us a personalised quotation (coverage and Bioinformatics analysis suited to your needs). Join samples and get a huge discount!



contact us:

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TARGET SEQUENCING

For detailed clinical studies, where it is important to sequence only particular regions of the genome, **STAB VIDA** makes available several solutions to identify your chosen DNA target sequences. Our flexible customer support accompanies you in all steps of your target sequencing project. From library preparation to bioinformatics, we will provide a full service adjusted to your needs and budget. Forget all the typical problems related to the interpretation of the results, our bioinformaticians will allow you to efficiently identify and treat the regions of interest.

Ready NGS panels (Human)	Genes	Batches of 12 samples (€/sample)*
CFTR**	CFTR	215 €
BRCA1/BRCA2**	BRCA1; BRCA2	249 €
Hereditary cancer***	ATM, BRCA1, BRCA2, CDH1, CHEK2, NBN, PALB2, RAD51C, RAD51D, TP53, APC, BARD1, BRIP1, EPCAM, FAM175A, MLH1, MRE11A, MSH2, MSH6, MUTYH, PIK3CA, PMS2, PMS2CL, PTEN, RAD50, STK11, XRCC2	390 €
Cardiopathies***	CACNA1C, CACNA2D1, CACNB2, CASQ2, CTNNA3, DSC2, DSG2, DSP, HCN4, KCNE1, KCNE2, KCNH2, KCNJ2, KCNQ1, LMNA, MYBPC3, MYH6, MYH7, MYL2, NKX2.5, PKP2, PLN, PRKAG2, RYR2, SCN10A, SCN5A, TMEM43, TNNI3, TNNT2, TRDN, TTR	390 €

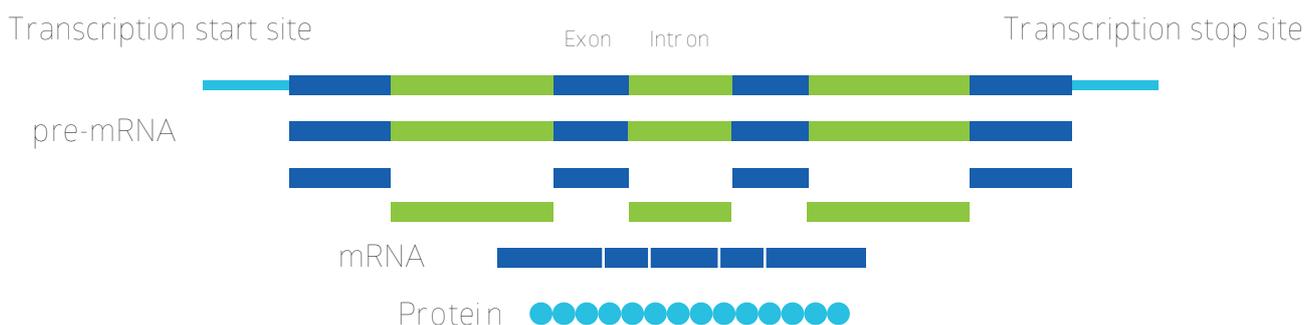
* These prices include Genomic variants classification.

** On the process of obtaining ISO 15189 accreditation.

*** Research use only.

For each project, please ask us a personalised quotation (coverage and Bioinformatics analysis suited to your needs). Join samples and get a huge discount!

STAB VIDA can also provide Custom Target DNA (Human and non-human) service for research use only. Please ask us a quotation.

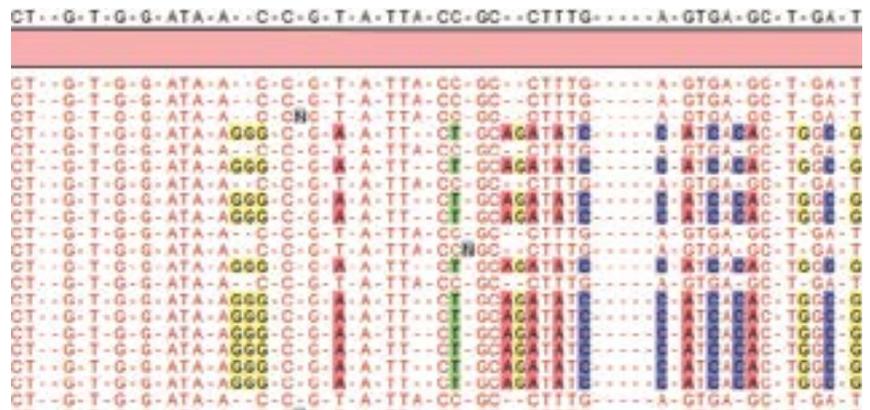


EXOME SEQUENCING

STAB VIDA integrates the state-of-the-art next-generation sequencing technology with a specialized custom bioinformatics, aiming to provide a detailed report of the genetic variants found.

		€/sample Mean depth coverage		
	Characteristics	30X	50X	100X
Human whole exome	Illumina Nextera Rapid Capture Exome (37Mbp) HiSeq®2500, Read length PE100	510 €	645 €	985 €
	Illumina Nextera Rapid Capture Exome Expanded (62Mbp) HiSeq®2500, Read length PE100	645 €	875 €	1440 €
	Agilent SureSelect Human All Exon V5 (50Mbp) HiSeq®2500, Read length PE100	595 €	780 €	1240 €
	Agilent SureSelect Human All Exon V5, FFPE DNA (50 Mbp) HiSeq®2500, Read length PE100	595 €	780 €	1240 €
	Agilent SureSelect Human All Exon V5+UTRs (71Mbp) HiSeq®2500, Read length PE100	715 €	975 €	1620 €
Human Clinical exome	TruSight One Sequencing Panel (4813 genes associated to clinical phenotypes, 12 Mbp) MiSeq® or HiSeq®2500, Read length PE150	---	---	990 € (batches of 3 samples)
Mouse whole exome	Agilent SureSelect Mouse All Exon (50Mbp) HiSeq®2500, Read length PE100	595 €	780 €	1240 €
	Agilent SureSelect Mouse All Exon, FFPE DNA (50Mbp) HiSeq®2500, Read length PE100	595 €	780 €	1240 €

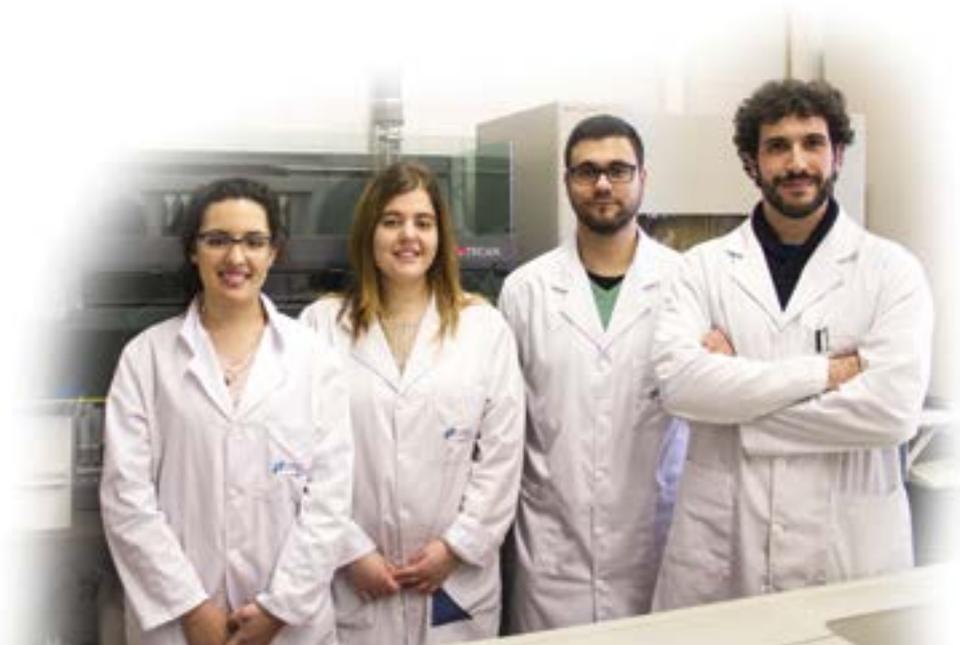
For each project, please ask us a personalised quotation (coverage and Bioinformatics analysis suited to your needs).
Join samples and get a huge discount!



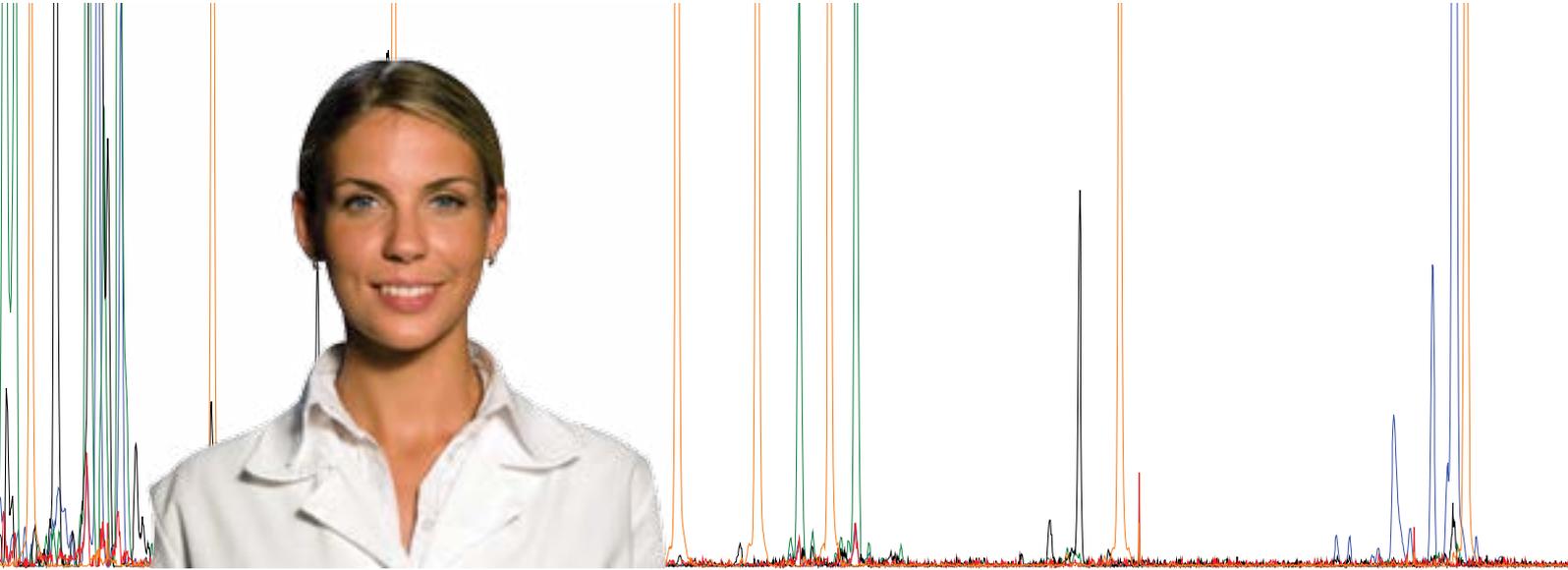
contact us:

sales@stabvida.com

FRAGMENT ANALYSIS SERVICE



FRAGMENT ANALYSIS SERVICE



STAB VIDA provides a high quality and customer support excellent Fragment Analysis service via capillary electrophoresis. Our experienced scientific team performs post-PCR fragment analysis in order to describe genetic markers based on detection of changes in the length of a specific DNA sequence. To analyze many fragments we use simultaneously different fluorescent probes (Dye Set DS-30: 6-FAM, HEX, NED, Internal standard ROX / Dye Set DS-33: 6-FAM, VIC, NED, PET, Internal standard LIZ) and currently we are able to provide the following applications: SNP genotyping and detection, Microsatellites and Amplified Fragment Length Polymorphism (AFLP).

Choose a dedicated team and the best value for money service to your fragment analysis project.

contact us:

sales@stabvida.com

PREMIUM FRAGMENT ANALYSIS

Analysis of DNA fragments is a powerful tool for several applications from genotyping to plant screening, from bacteria identification to evolutionary biology. Find with **STAB VIDA** the most reliable protocols.

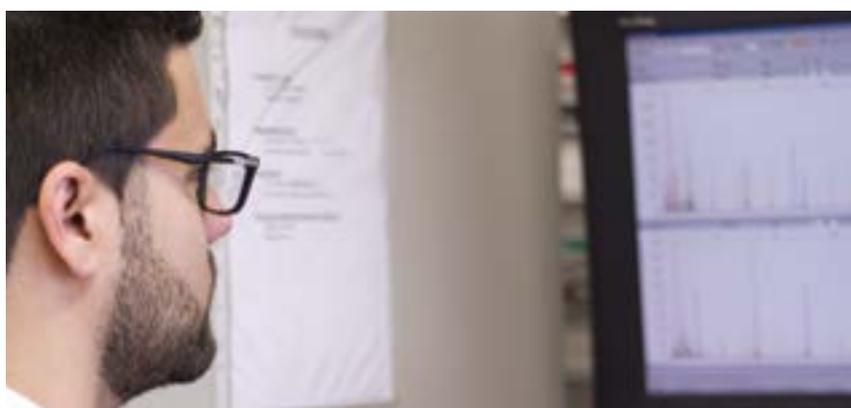
Choose our premium offer and don't waste your time in the lab, **STAB VIDA** works for you! Our protocols are based on best practices and service conditions, you just have to perform your PCR reaction and we will add the internal standard and formamide, guaranteeing high-quality results.

Tube	
Orders < 20 reactions	5.25 €/sample
Orders ≥ 20 reactions	4.25 €/sample

Plate	
Half 96-well Plate	149 € (3.10 €/sample)
96-well Plate	249 € (2.59 €/sample)

For big projects, please ask us a quotation, we can offer you a significant discount.

FREE shipment of your samples in Portugal and Spain.
Results in 24h/48h.



Save time for your research with our Premium service.

YOU TUBE IT & YOU PLATE IT FRAGMENT ANALYSIS

Either if you are novice or an expert, this service modality is lower cost but big value.

If you have everything under control, **STAB VIDA** provides you the most user-friendly experience! You provide us the pre-made mixture (PCR product + internal standard + formamide) and we perform the separation with capillary electrophoresis on ABI 3730xl.

Tube

Orders < 20 reactions	3.75 €/sample
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Orders ≥ 20 reactions	2.75 €/sample
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Plate

Half 96-well Plate	109 € (2.27 €/sample)
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96-well Plate	149 € (1.55 €/sample)
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For big projects, please ask us a quotation, we can offer you a significant discount.

FREE shipment of your samples in Portugal and Spain.
Results in 24h/48h.



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OLIGONUCLEOTIDES & POLYMERASES FOR YOUR PCR



OLIGONUCLEOTIDES & POLYMERASES FOR YOUR PCR



PCR is an indispensable technique for molecular biology research and clinical diagnosis. It is used for a wide variety of applications, namely cloning, sequencing, genotyping, mutagenesis and gene expression analysis.

To ensure high-quality during the whole process, **STAB VIDA** offers you a wide range of high-quality Oligonucleotides and Polymerases for your PCR applications. Supported by the latest nucleic acid technology, **STAB VIDA** offers very reliable standard DNA/RNA oligonucleotides, and also premium DNA/RNA oligonucleotides, with a wide range of modifications and different purifications, at competitive prices.

For your PCR or RT-PCR, and to maintain the best performance of your work, **STAB VIDA** offers you a set of different high yield enzymes adjusted to your specific needs.

Thousands of oligos delivered...
The best in the market

contact us:

sales@stabvida.com

STANDARD DNA OLIGONUCLEOTIDES

For normal PCR assays and for sequencing, **STAB VIDA** offers unmodified oligos, with a size between 12 and 60 bases, with no wobbles, standard purification, in scale XS (0.02 μ mol). Although standard primers are characterized by its simplicity, we have not forgotten the importance of its reliability, guaranteeing the best and proper synthesis conditions.

Low quality oligos can produce errors not detectable at first glance, but likely to compromise your work. Do not trust low quality, count with **STAB VIDA**'s quality assurance.

Price per base	0.29 €
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Type of purification: Standard

FREE shipment for orders made on Monday, to Portugal and Spain.



PREMIUM DNA OLIGONUCLEOTIDES

Some common uses for **STAB VIDA's** oligos include diagnostic tests for genetic diseases, like cancer, cystic fibrosis and many others; Diagnostic tests for infectious diseases; Sanger Sequencing and NGS; Genome walking and genomic studies; Genotyping for population studies, etc.

Being a ISO 9001 certified company, **STAB VIDA** is eager to respond to all your project needs. We are available to provide high complexity DNA oligos at very competitive prices, between 6 and 140 bases, at various synthesis scales and purification. All oligos are checked individually for quality control.

Synthesis Scale	S (0.05 μ mol)	M (0.2 μ mol)	L (1.0 μ mol)
Price / base	0.49 €	0.89 €	2.39 €
Length (bases)	12-140	6-140	6-140
Purification			
Standard	Yes (No additional charge)		
HPLC	12 €	12 €	24 €
PAGE	29 €	29 €	49 €

Other lengths and scales are possible. Please consult our website.

FREE shipment for orders made on Monday,
to Portugal and Spain.

From order to
bench, most of your
oligos in
48h/72h



contact us:

sales@stabvida.com

STAB VIDA offers a wide range of modifications. Some of the modifications available are:

Internal modifications:	S	M	L
2'-Deoxy-Inosine	9 €	11 €	12.5 €
2'-Deoxy-Uridine	9 €	11 €	12.5 €
RNA Base	35 €	35 €	67.5 €
Thiol C6 SS	190 €	245 €	308 €
dSpacer	52 €	73.5 €	95 €
Spacer C3	75 €	95 €	140 €

5' Modifications:	S	M	L
Aminolink C6 MMT	26 €	32.5 €	40 €
Biotin	36 €	48 €	72 €
Biotin-TEG	70 €	90 €	145 €
Phosphate	28 €	35 €	42 €
Thiol C6	50 €	85 €	120 €
Thiol C6 SS	105 €	140 €	185 €
Cyanine 3	50 €	90 €	150 €
Cyanine 5	50 €	90 €	150 €
FAM	40 €	52 €	80 €
HEX	48 €	90 €	190 €
JOE	48 €	95 €	190 €
ROX	52 €	95 €	170 €
Tamra	50 €	90 €	140 €
TET	48 €	90 €	170 €
TEXAS RED-X	90 €	165 €	255 €
BHQ-1	165 €	190 €	290 €
BHQ-2	165 €	190 €	290 €

3' Modifications:	S	M	L
Aminolink C6 MMT	40 €	55 €	97.5 €
Biotin-TEG	52 €	75 €	110 €
Phosphate	28 €	42 €	55 €
Thiol C3	52 €	80 €	120 €
Thiol C6	165 €	255 €	360 €
Cyanine 3	70 €	125 €	225 €
Cyanine 5	70 €	125 €	225 €
FAM	40 €	52 €	100 €
HEX	70 €	125 €	215 €
JOE	70 €	125 €	215 €
ROX	70 €	130 €	245 €
Tamra	70 €	130 €	215 €
TEXAS RED-X	135 €	225 €	450 €
BHQ-1	70 €	125 €	210 €
BHQ-2	70 €	125 €	210 €

Dual labeled Probes:

5' Fluorophor:	3' Quencher	S	M	L
FAM	BHQ-1	195 €	295 €	475 €
FAM	TQ2	195 €	295 €	475 €
HEX	Tamra	195 €	295 €	475 €
JOE	BHQ-1	245 €	295 €	475 €
ROX	BHQ-2	195 €	295 €	475 €
Texas Red	Dabcyl	245 €	295 €	475 €

(Prices include DNA oligonucleotides up to 40 bases, 5'- and 3'- modification, HPLC purification, Maldi check. Longer double modified oligonucleotides and other modifications are available. Please see our website).

PREMIUM RNA OLIGONUCLEOTIDES

We are also available to provide high complexity RNA Oligos at very competitive prices:

5' Modifications:	2 – 7 bases		8 – 27 bases		28 – 40 bases	
Synthesis scale	RM7	RL7	RM27	RL27	RM40	RL40
Price per oligo	175 €	225 €	100 €	185 €	165 €	325 €
HPLC Purification	Included	Included	Included	Included	Included	Included
PAGE Purification	Not available					

5' Modifications:	2 – 7 bases		8 – 27 bases		28 – 40 bases	
Synthesis scale	RM7	RL7	RM27	RL27	RM40	RL40
Biotin	67.5 €	97.5 €	67.5 €	97.5 €	67.5 €	97.5 €
Aminolink C6	67.5 €	97.5 €	67.5 €	97.5 €	67.5 €	97.5 €
Phosphate	70 €	115 €	70 €	115 €	70 €	115 €
6-FAM	70 €	105 €	70 €	105 €	70 €	105 €
HEX	95 €	165 €	95 €	165 €	95 €	165 €
Tamra	120 €	195 €	120 €	195 €	120 €	195 €

3' Modifications:	2 – 7 bases		8 – 27 bases		28 – 40 bases	
Synthesis scale	RM7	RL7	RM27	RL27	RM40	RL40
Biotin	75 €	115 €	75 €	115 €	75 €	115 €
Aminolink C6	67.5 €	97.5 €	67.5 €	97.5 €	67.5 €	97.5 €
Spacer C3	67.5 €	97.5 €	67.5 €	97.5 €	67.5 €	97.5 €
Inverted End	67.5 €	97.5 €	67.5 €	97.5 €	67.5 €	97.5 €
6-FAM	90 €	140 €	90 €	140 €	90 €	140 €
Tamra	120 €	195 €	120 €	195 €	120 €	195 €

For other modifications, please contact us

OLIGOS PACK

Save time and money by ordering our prepaid base equivalents (BE) packs. Easy process: bigger pack, biggest saving! Furthermore, once a new online order is submitted on the website, it will automatically discount the corresponding BE on your total prepaid pack.

These packs allow ordering all type of oligos (DNA, RNA, simple and modified). The packs available are:

Pack	Price
200 BE	78 €
500 BE	193 €
1000 BE	380 €
10000 BE	3600 €

We offer you also the possibility of buying a credit and you can use it in all the services we provide! Keep an eye on our website (www.stabvida.com) and take advantage of upcoming promotions for new credits.

Choose to buy a Prepaid Pack or a Credit and save time (only 1 invoice for many orders), logistics and administration costs! Both options have no expiry time!

Be wise...
and count on
STAB VIDA
to help reducing
your workload.



contact us:

sales@stabvida.com

POLYMERASES

A large range of applications require DNA polymerases with high-standard quality in terms of purity and production processes.

STAB VIDA offers several superior yield Polymerases to your PCR and RT-PCR assays, to guarantee you outstanding results. Please choose the one that best suits your application always with our company confidence.

Surf Taq

- Highly thermostable DNA polymerase, purified from a recombinant *E.coli* strain with cloned gene encoding *Thermus aquaticus* DNA polymerase
- Suited to wide range of PCR assays
- Primer extension
- DNA sequencing

Surf PFU

- Close to ten times more accurate than normal DNA Polymerase.
- Produces blunt-ended amplification products to be used for cloning
- Remains active even after incubating 90 minutes at 95°C
- 3' to 5' proofreading exonuclease activity

Surf Hot Taq

- Polymerase chain reaction setup at room temperature
- Effective incorporation of modified nucleotides

Surf Titan Taq

- Highly stable at room temperature
- Suited for a wide range of PCR assays
- Primer extension
- TA cloning

Surf Red Taq

- Special formulation with added inert red dye
- Suited to wide range of PCR assays
- Direct loading of samples

Surf Titan Hot Taq

- Hot start PCR.
- Highly stable at room temperature.
- Primer extension.
- TA cloning.

Surf Long Taq

- Standard and long PCR (genomic DNA fragments up to 20 kb and viral DNA fragments up to 40 kb)
- PCR with difficult templates
- 3' to 5' proofreading exonuclease activity

Surf Titan H Minus M-MLV RT

- cDNA synthesis
- RNA analysis by primer extension
- DNA labeling

Pricelist:

Enzyme	Quantity (U)	Price
Surf Taq	500	32.5 €
	1000	62.5 €
	2500	145 €
Surf Hot Taq	500	84.5 €
	1000	145 €
	2500	335 €
Surf Red Taq	500	62.5 €
	1000	112.5 €
	2500	265 €
Surf Long Taq	500	120 €
	1000	230 €
	2500	560 €
Surf Pfu	500	90 €
	1000	170 €
	2500	410 €
Surf Titan Taq	500	30 €
	1000	55 €
	2000	100 €
Surf Titan Hot Taq	500	65 €
	1000	122.5 €
Surf Titan H Minus M-MLV Reverse Transcriptase	10000	130 €

**LEADING ENZYMES:
KNOWING THE WAY
AND SLIDING THE
RIGHT PATH**



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GENOTYPING SERVICE



GENOTYPING SERVICE



With more than 10 years of experience in supporting labs for genetic testing, **STAB VIDA** has accumulated knowledge and competence in how to provide high-quality and reliable results. We invest deeply in customer support and excellence of services. **STAB VIDA** offers you the most accurate Sanger sequencing protocols, coupled with a highly qualified team, in order to respond to your needs with the highest quality.

Choose a specialized team, choose STAB VIDA to provide you the more reliable Genotyping services, ISO 9001 certified.

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LACTOSE INTOLERANCE TESTING

STAB VIDA provides you a reliable and practical test to know if the gene responsible for the degradation of lactose (sugar in milk) is active or inactive.

Our experienced team provides you the genotype of LCT-13910 C/T variant in the form of a comprehensive and efficient report. If the gene is active, you can still drink milk without experiencing symptoms of lactose intolerance, on the other hand if the gene is inactive or has reduced activity, means that you are lactose intolerant (symptoms vary from person to person and depend on the amount of milk ingested).

Don't waste more time and clarify your nutrigenomics profile with STAB VIDA's quality assurance.

Lactose intolerance test	
Unitary price	50 €
Pack 10 tests	380 €



Choose STAB VIDA
for your best
nutrigenomics
counselling support

CUSTOM GENOMIC VARIANTS TESTING

The main goal of several research genomic studies is the detection of genomic variants associated with a specific disease or to guide a therapy. Although the scientists are able to analyze thousands of variants through NGS technologies, some of them may require additional confirmation. Furthermore, NGS might not be cost-effective for studies that include the analysis of few genomic variants. The STAB VIDA's team can offer you a full custom service from primer design to variant detection by Sanger sequencing in human and non-human organisms.

N° of samples	DNA extraction from FTA card (€/sample)	PCR amplification & Sample Purification (€/sample)	Product Sequencing (€/reaction)	Variant genotype report* (€/sample)	Custom target region optimization** (€/Target region Optimization)
< 10	8.5 €	9.5 €	5.95 €	16 €	100 €
≥ 10	6.5 €	7.5 €	4.95 €	10 €	75 €

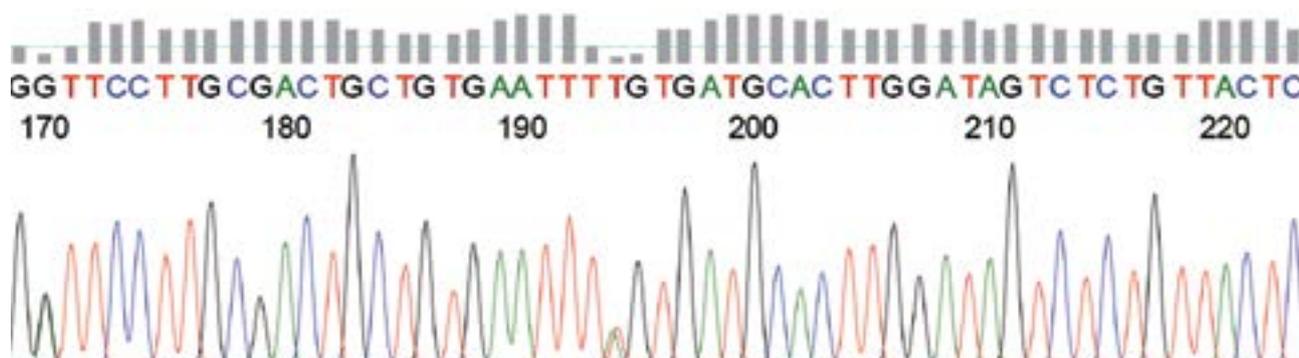
* Suitable for SNV and small INDELS (up to 1-2 bp for heterozygous samples)

** If target region not available at STAB VIDA

For more than 1 target region per sample, please ask us a quotation.

Required information:

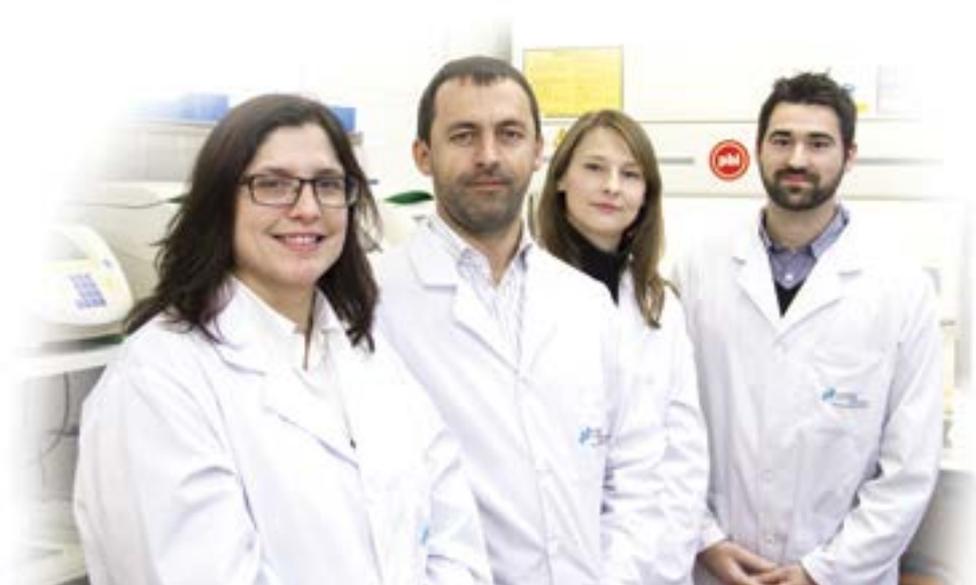
- Organism;
- Number of samples;
- Variant (dbSNP, HGVS or DNA sequence with the identified variant).



contact us:

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PATERNITY TESTING



PATERNITY TESTING



- ✓ 8 years of experience in paternity testing
- ✓ More than 600 samples every year
- ✓ Zero errors
- ✓ Zero claims

**Low cost paternity tests may not fulfill high quality standards!
STAB VIDA guarantees high quality results at very fair price!**

ANONYMOUS PATERNITY TEST

The anonymous test is adequate for private use and suitable to be made at home. This test is very similar to the legal, however there are four differences:

- ✓ Samples are collected at home using our “HOME KIT”.
- ✓ There are no identification of the donors’ samples. The donors are anonymous.
- ✓ The test is not suitable to be used in court.
- ✓ The results might be disclosed by email and consist on calculating the probability of parental inclusion between the donors of the samples.

	Unitary price (€/test)	Pack 10 tests (€/test)
Father, Son/Daughter, Mother (optional)	390 €	250 €
Additional person(s)	150 €	100 €
Urgent additional rate (result in 4 days)	60 €	60 €



Certified Company



PATERNITY TEST WITH LEGAL VALIDITY

The high quality of results starts with the collection of the donor's sample. **STAB VIDA** selected the most adequate materials and protocols to guarantee the samples integrity during shipping wherever you are in Europe, Africa or other place in the world. Contact us by phone or email and we will help you to find the most convenient laboratory to collect the samples. 3 drops of blood or a buccal swab are needed. Also the identification and informed consent of each participant are required. The analysis of the samples fulfill the quality guidelines recommended by International Society for Forensic Genetics (ISFG). Because the company aims 0% of errors, the samples are analyzed twice by two different technicians. The genetic profile of each participant is based in the identification of a minimum of 15 and often 20 short tandem repeats (STRs) markers commercially available and recommended for paternity testing. We can guarantee the probability of paternity of 0% (excludes the paternity) or higher than 99,99% (does not exclude the paternity). Analysis of mother's sample is highly recommended. The private data provided as well the results are confidential and the report can be sent by regular email or delivered by hand.

	Unitary price (€/test)	Pack 10 tests (€/test)
Father, Son/Daughter, Mother (optional)	500 €	400 €
Additional person(s)	150 €	100 €
Urgent additional rate (result in 4 days)	60 €	60 €

You will find a
dedicated and
professional team.



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PARENTAGE TESTING

If the father's sample is not available, it is possible to analyze other father's relatives in order to determine the paternity indirectly. Paternal grandfather, grandmother as well as an uncle are possible to be used in this analysis and the analysis of mother's sample is highly recommended. Although this test uses 20 STR markers, the probability of paternity is often lower (80-99%) and may require the analysis of other relatives. The report could be sent by email, regular email or delivered by hand. The provided data and results will be kept confidential.

	Unitary price (€/test)	Pack 10 tests (€/test)
Paternal Uncle, Nephew/Niece, Mother (optional)	450 €	350 €
Paternal Grandfather/Grandmother, Grandson, Granddaughter	450 €	350 €
Brother-brother, Mother	450 €	350 €
Additional Person(s)	150 €	100 €



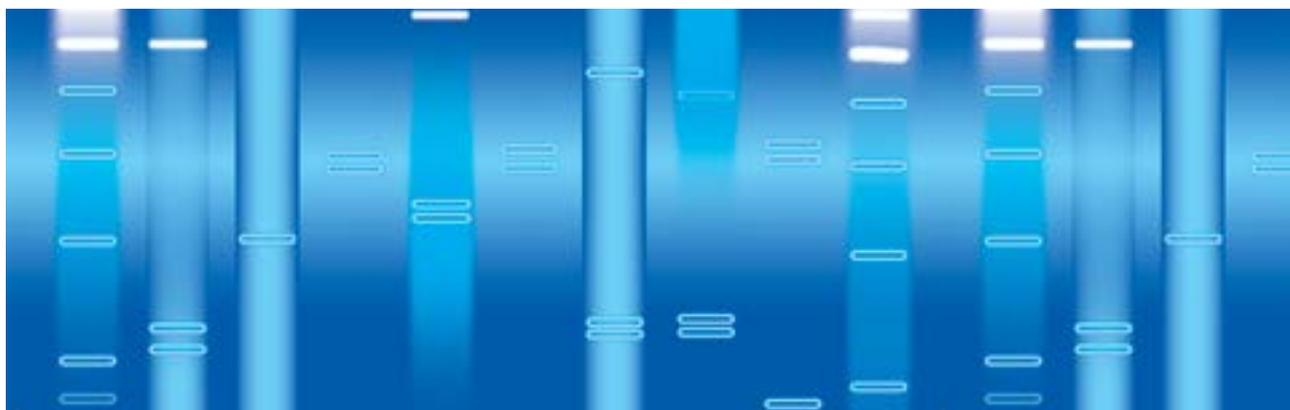
STAB VIDA
guarantees the Best
Laboratory Practices.

GENETIC PROFILE

The genetic profile or DNA profile is very similar to a finger print but much more accurate because identifies the 15 STRs markers in DNA that are unique in each individual in all your life. If you are curious about your DNA profile or want to offer the DNA profile to your child or best friend, please ask us about the GeneVida CARD.

Genetic Profile	
Unitary price (€/test)	150 €
Pack 10 tests (€/test)	100 €

Get your genetic ID just by sending us saliva.
Order a kit today.



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ANTIBODIES



ANTIBODIES



Monoclonal antibodies have become an important asset for biochemistry, molecular biology and biomedicine, with an increasing number of valuable applications in research, diagnostic and immunotherapy.

STAB VIDA offers antibody discovery and development, using cutting-edge advancements with leading techniques with a clinical perspective.

Develop your own monoclonal antibody with us to:

- ✓ Recognize a single epitope with low cross reactivity.
- ✓ Make use of recent developments in the engineering of antibody-drug conjugates to understand approaches towards linker innovation and stability.
- ✓ Facilitate standardization of diagnostics kits and clinical treatment.

The monoclonal antibody can be raised against your own supplied antigen(s) or synthetic peptides (on demand).

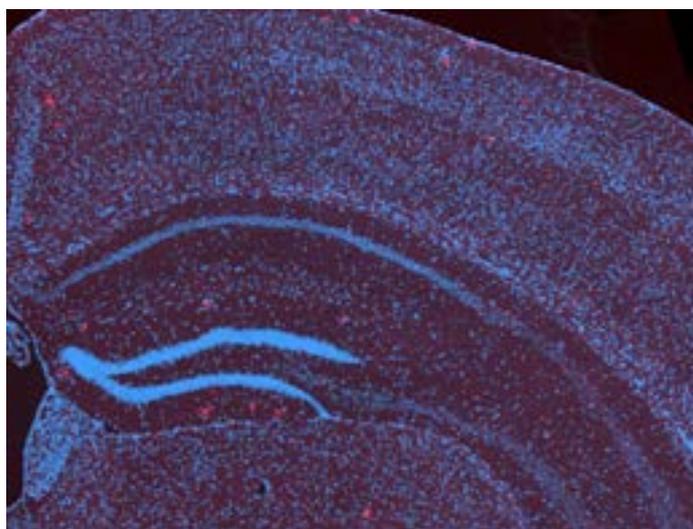
STAB VIDA grants you full confidentiality for all the process of your antibody development.

Send us your antigen(s) and receive your very own high-quality Monoclonal Antibody

ANTI-HUMAN AMYLOID BETA ANTIBODY

Try our Mouse Anti-human Amyloid beta monoclonal antibody, which has been used in several published scientific studies^{1,2,3,4} and validated for WB, ELISA and IF.

This new and promising antibody presents a high affinity for amyloid beta 1-42 and a huge potential for both diagnosis and treatment of diseases caused by the accumulation of amyloid beta in the brain, such as Alzheimer's disease.



Fluorescent microscopy image (apoptome) of 6 months-old APP/PS1 mouse hippocampus and somatosensory cortex. Double staining: i) blue staining - nuclei DAPI; ii) red staining - Amyloid plaques targeted by STAB VIDA's Mouse Anti-human Amyloid beta monoclonal antibody.

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1. Markoutsas E *et al* (2012) *Anti-Ab-MAb and dually decorated nanoliposomes: Effect of Ab1-42 peptides on interaction with hCMEC/D3 cells*. Eur J Pharm Biopharm, 81: 49-56. DOI: 10.1016/j.ejpb.2012.02.006
 2. Canovi M *et al* (2011) *The binding affinity of anti-A β 1-42 Mab-decorated nanoliposomes to A β 1-42 peptides in vitro and to amyloid deposits in post-mortem tissue*. Biomaterials, 32:5489-97. DOI: 10.1016/j.biomaterials.2011.04.020
 3. Le Droumaguet B *et al* (2012) *Versatile and Efficient Targeting Using a Single Nanoparticulate Platform: Application to Cancer and Alzheimer's Disease*. ACS Nano, 6(7):5866-79. DOI: 10.1021/nn3004372
 4. Ordóñez-Gutiérrez L *et al* (2016) *ImmunoPEGliposome-mediated reduction of blood and brain amyloid levels in a mouse model of Alzheimer's disease is restricted to aged animals*. Biomaterials, *in press*. DOI: 10.1016/j.biomaterials.2016.07.027

Mouse Anti-human Amyloid beta monoclonal antibody

Product information:

Background	Amyloid beta (A β or Abeta) is a peptide of 36-43 amino acids derived from the cleavage of APP (Amyloid Precursor Protein) by β - and γ -secretases. It is involved in Alzheimer's disease, among other severe neurological disorders. It has been proved that the A β could be a crucial target for these important diseases treatment.
Immunogen	Synthetic peptide derived from Human A β 1-42 protein
Clonality	Monoclonal
Host	Mouse
Specificity	A β 1-40, A β 1-42, A β 1-43 and APP (recognizes the central to C-terminal region of A β 1-42)
Isotype	IgG1
Species reactivity	Human, mouse, rat
Purification	Protein G affinity purification
Format	Affinity purified solution
Applications	ELISA (1:40,000) WB (1:4,000) IF (1:2,000)

Please ask us a personalized quotation (amount suited to your needs).

The development of all variants of antibody was achieved by the QREN project No. 24594 co-funded by POR Lisboa, FEDER and the European Union



UNIÃO EUROPEIA

Fundo Europeu
de Desenvolvimento Regional

Get better results
with high-affinity
MAbs.



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GENOMIC IDENTIFICATION OF ORGANISMS



GENOMIC IDENTIFICATION OF ORGANISMS



Modern molecular biology techniques allow for accurate and rapid screening and identification of organisms in numerous fields of applications (taxonomy, forensics, archaeology, ecology, etc).

Molecular species ID is also central for the diagnosis, treatment and control of infection caused by different pathogens.

This service allows the identification of organisms such as bacteria, fungi or animals through DNA sequencing technique in isolated samples, colonies or DNA, whether if it has environmental, dietary, clinics, veterinary, food companies or retails chain origin.

STAB VIDA also provides a detailed report with identification of microorganisms or animals.

**A trusted and accurate genetic
identification of fungi/bacteria
colonies or animals**

GENOMIC IDENTIFICATION OF MICROORGANISMS OR ANIMALS

Identification of Microorganisms

This service that we offer you allows the genetic identification of Bacterial or Fungi isolated colony using DNA sequencing of 16S and ITS regions.

Unitary price

38 €/sample

Sample requirements :

- Pick a colony (Bacterial/Fungi isolated) and suspend from culture medium and suspend it in 65 μ L of PBS or TE Buffer (10 mM Tris-HCl, 0.1 mM EDTA, pH8.0)
- Apply the suspended colony into a FTA Cards and let it dry for 2 hours at room temperature.

Identification of Animals

This service allows the genetic identification of animals using DNA sequencing-based techniques.

Unitary price

48 €/sample

Sample requirements:

- Send us an animal tissue homogenate using PBS or TE Buffer (10 mM Tris-HCl, 0.1 mM EDTA, pH8.0) in appropriate volume.



Verify the quality
and authenticity of
food products using
our low cost test.

STAB VIDA

Madan Parque, Rua dos Inventores
s/n, sala 2.18
2825-182 Caparica
Portugal
Tel: (+351) 210 438 606
Fax: (+351) 210 438 608
Email: sales@stabvida.com
www.stabvida.com

