

Company Profile

# Pairing Nature with Scientific Discoveries



vivantis

“Nature is man’s teacher”  
- ALFRED BILLINGS STREET

## Pairing Nature with Scientific Discoveries

There is a vast ocean of knowledge, likely infinite, to be learned from the natural world that surrounds us. As an indispensable tool, Science helps us to understand and appreciate the works of nature, from animal behaviour to weather patterns and more. It allows us to delve in the past, connects us with the present and helps us in predicting the future. The union of science and nature with creativity and imagination forms the scientific enterprise and fuels the scientific endeavour.

From the arduous effort of scientists in the past and present, we know that knowledge gained from studying one aspect of nature is applicable to other parts though seemingly unrelated. If one looks hard enough, one would notice the intricate patterns and connections nature has to offer, which ultimately contributes to human advancement. Science can be considered a continuous process for gathering knowledge through careful observations of nature. Scientists assume that whilst total and absolute truth may not be within our reach, increasingly precise estimates can be made about the world around us and how it works.

Nowadays, scientific discoveries are not complete without technology in the equation. Technology has played a vital role in driving and pushing the scientific boundaries to achieve discoveries we never dreamed of becoming reality. Nature is constantly inspiring technological advances and our coexistence on this planet should not be taken for granted. We should respect, appreciate and harvest nature’s bounty wisely.







Your Ally In  
SCIENTIFIC DISCOVERY

## About Us

Vivantis Technologies is a research-based biotechnology company incorporated in 2002 providing integrated solutions for the life science industry.

We specialize in the development and production of Nucleic Acid Extraction and Purification Kits, DNA/ RNA Amplification Products, Ladders and Markers, Restriction Enzymes, Polymerases and Modifying Enzymes, Real-time PCR Kits and Master Mixes, Cloning Kits, Dyes as well as Ready-made Buffers, Biochemicals and Reagents.

We also provide custom services for Oligo Synthesis, Polyclonal Antibodies and Peptide Synthesis.

Our products and services enable scientists to make discoveries in areas encompassing genomics, proteomics, molecular diagnostics, molecular agrobiolgy and other biotechnology applications.

As an ISO 9001:2015 and ISO 13485:2016 certified manufacturer, we strive to develop state-of-the-art solutions and constantly providing consistent high-quality products and services to our customers worldwide.



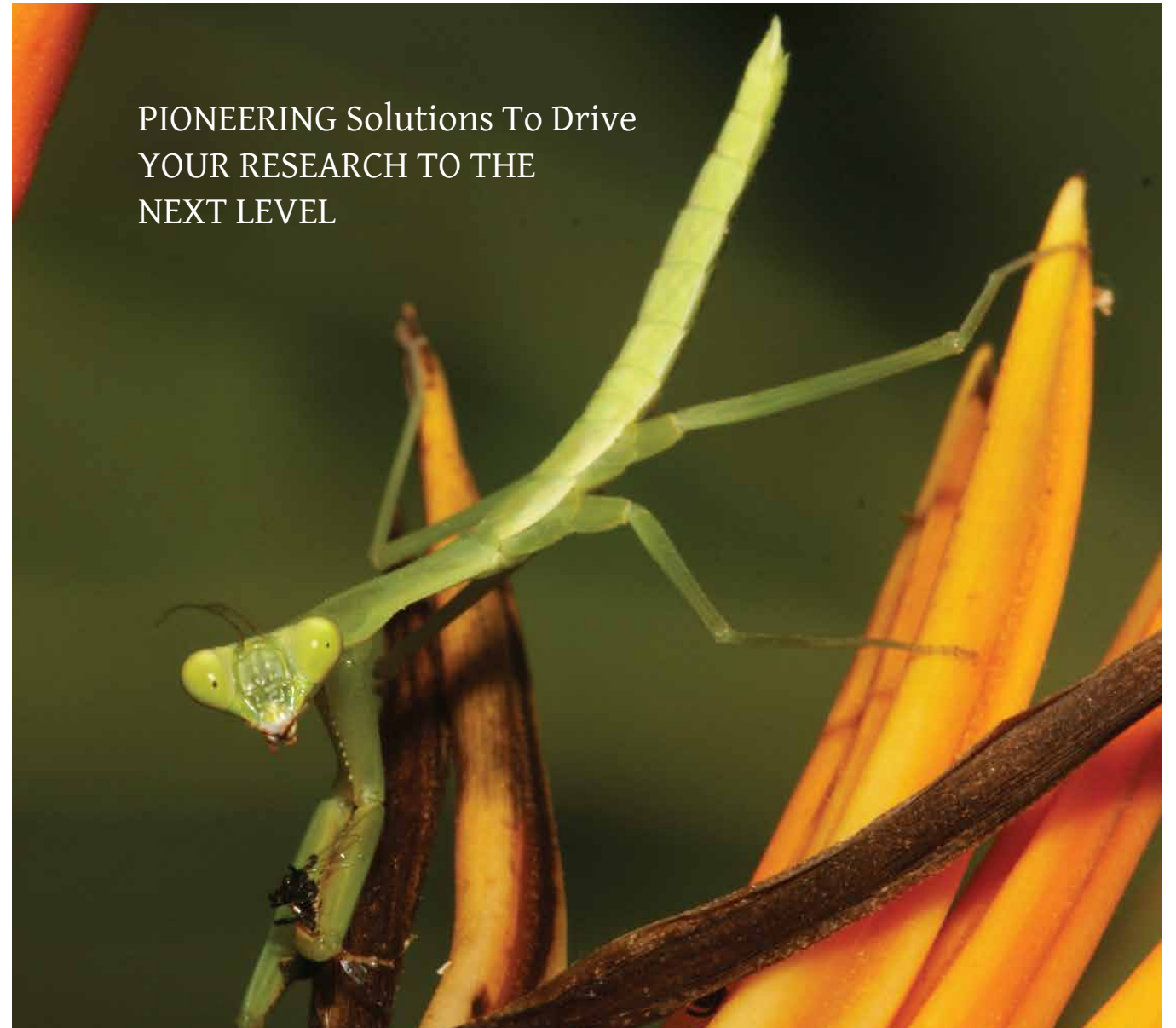
## Our Mission

The core mission of Vivantis Technologies is to develop innovative life science products which stem from our ongoing in-house research. As a research-based biotechnology company, we understand the requirements and challenges of life science researchers and with our expertise, it is our goal to discover and share new technologies to the scientific research community.

With cohesive corporate values within our organization, our team assures that care is taken in every step of the way from research, discovery, development, production, quality control, technical support, sales and marketing to distribution to ensure the products and services received by end users are of the best quality at honest price.

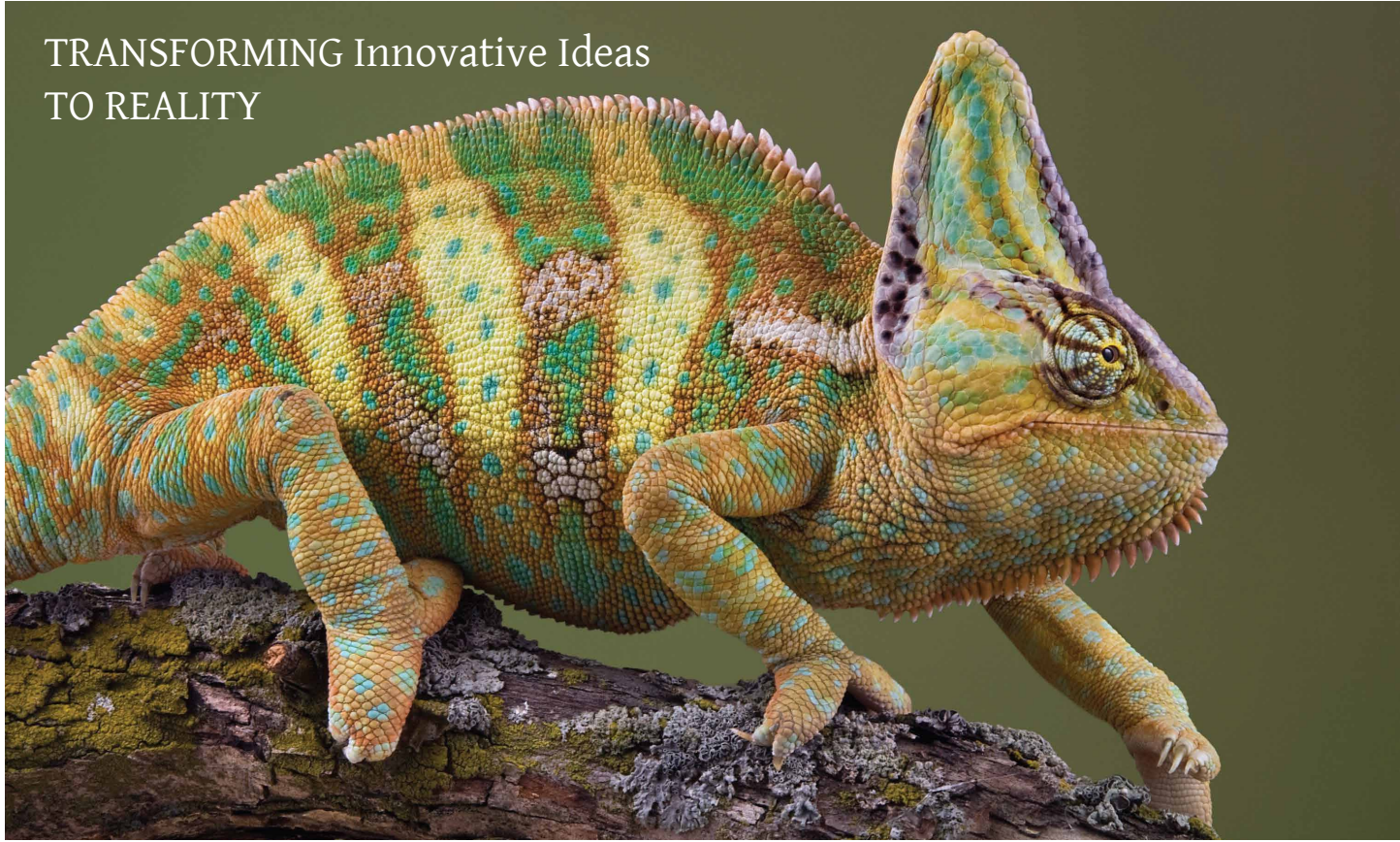


PIONEERING Solutions To Drive  
YOUR RESEARCH TO THE  
NEXT LEVEL





## TRANSFORMING Innovative Ideas TO REALITY



## Research & Development

At Vivantis Technologies, basic research is integral part of new product development. With a solid background in fields such as Molecular Biology and Biotechnology, we are constantly seeking ways to improve and incorporate new technologies in our products and services. Our R&D team work closely with research groups from universities, turning innovative ideas to reality.



## Technology

We have platform technologies to screen, extract and purify valuable enzymes and compounds from bacteria and plasmid for further development into useful end products. Together with our collaborators, we have a patented glass fiber chemistry for the efficient and effective purification of nucleic acids from various biological samples. We also have experience in recombinant enzyme production and novel chemistry for the creation of value-added life science reagents.





# Quality Management



Our professionally trained production and QA/ QC teams follow stringent quality standards in every step for lot-to-lot consistency. Only products that pass the QA/QC policies are offered and delivered to customers.

Being an ISO 9001:2015 and ISO 13485:2016 certified company, our facilities and entire workflow comply with quality standards to ensure only the highest quality products are produced for customers worldwide.

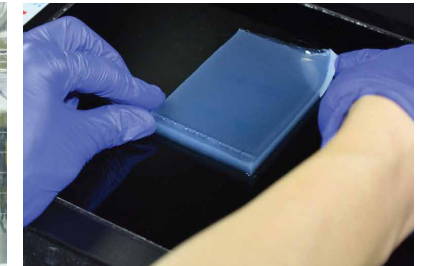
ISO 9001:2015 Quality Management System



ISO 13485:2016 Quality Management System



Superior performance  
with PROVEN  
QUALITY



Excellent TECHNICAL EXPERTISE



## Our Team

Our experienced team consists of qualified scientists who are fully committed to deliver only the best for customers.

Our R&D team is made up of postgraduates with highly competent and proven backgrounds in biotechnology. Our production team ensures the products manufactured are transformed into excellent life science reagents for the market.

Through active collaboration with established research institutions and gathering market feedbacks, we are constantly improving existing product lines and have developed high quality products over the years, every stage from research to market, our QC personnel ensure that international standard is either maintained or exceeded for the benefit of our customers. Our sales & technical team are always ready to assist our customers around the world.



# OUR PRODUCTS

## Restriction Endonucleases

- Over 130 restriction endonucleases (RE) including common and unique ones
- Colour-Tag buffer system
- Fast Digest restriction endonucleases (FDRE) for rapid digestion within 5-15 mins



We PLANT A Tree  
Of Plenty For Your  
RESEARCH Need



Vivantis 10-Go™ RE Kit





GENES are complex.  
detecting & SCREENING  
them shouldn't be.

## Real-time PCR Kits & Master Mixes

### ViPrimePLUS qPCR/RT-qPCR Kits

- Over 200 kits for detection of pathogens in human and veterinary
- Over 10 kits for different meat identification
- Fast and easy protocol
- Compatibility with most real-time PCR platforms



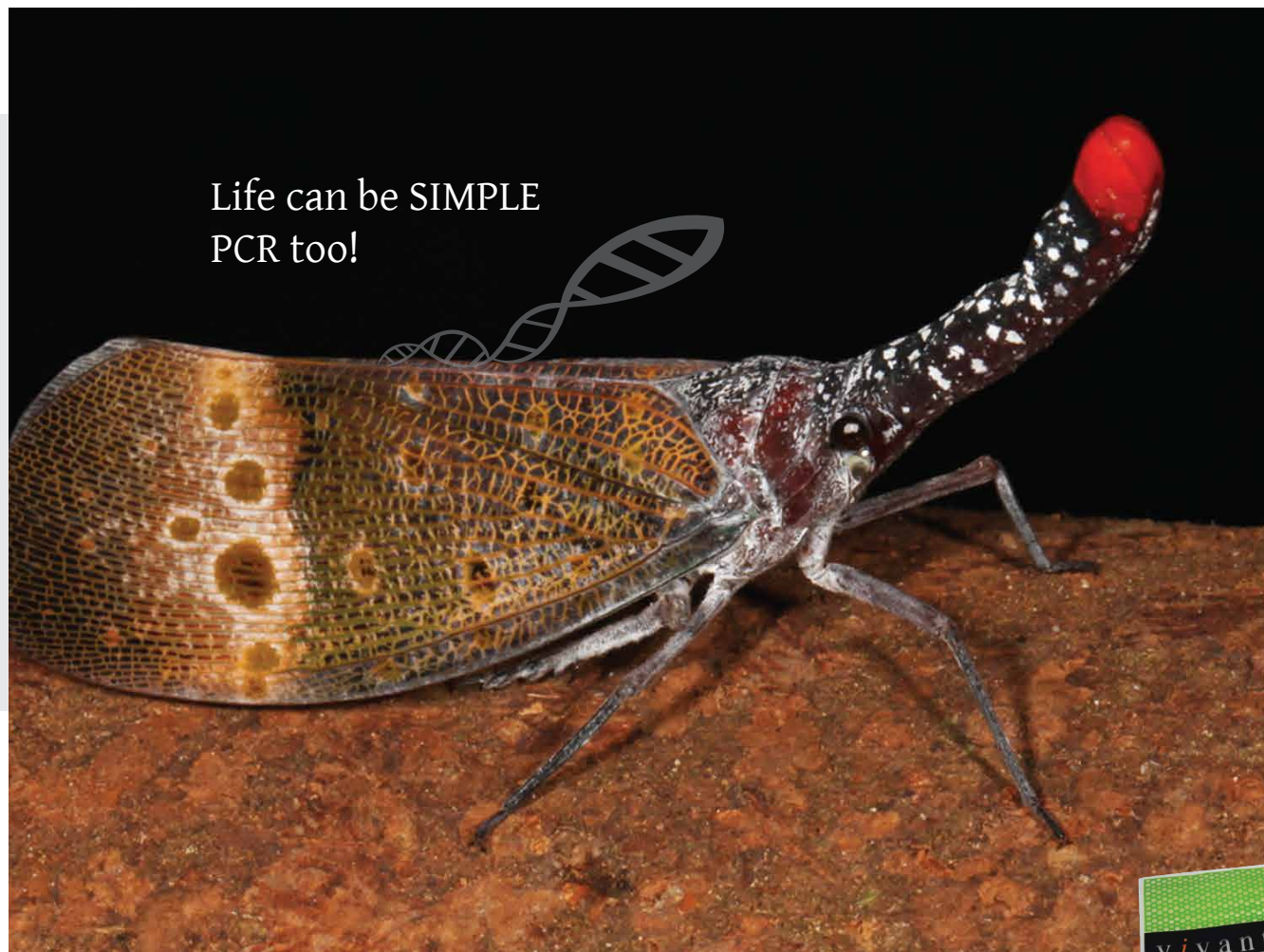
### ViPrimePLUS qPCR/RT-qPCR Master Mixes

- Superior performance for high efficiency real-time PCR work
- Ready-to-use
- Highly sensitive to detect the extremely low copy number of targets





Life can be SIMPLE  
PCR too!

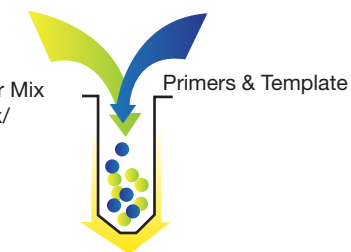


## DNA Amplification Products

- Wide range of amplification enzymes for standard, hot-start, proofreading and long PCR
- Chromo series of DNA polymerases provides convenient tracking with inert colour dye
- Ready-to-use and convenient 2X Master Mixes ( 2X ViRed Taq Master Mix/ 2X AtTaq Master Mix/ 2X Taq Master Mix)
- Complete DNA amplification kits with dNTPs, ladder and control DNA are available



Vivantis  
2X ViRed Taq Master Mix  
2X AtTaq Master Mix/  
2X Taq Master Mix





Achieve remarkable  
RT-PCR results in just ONE STEP

## RNA Amplification Products



- High-quality RT-PCR products with superior results
- Option of one-step and two-step RT-PCR Kits
- The Viva 2-Step RT-PCR Kit comes with choice of *Taq* DNA Polymerase for routine use and *MaxTaq* DNA Polymerase for amplification of long DNA fragments
- 2X OneStep *Taq* ReverseTrans PCR Master Mixes are suitable for all routine RNA amplification applications, save time and reduces contamination
- 2X ViRed OneStep *Taq* ReverseTrans PCR Master Mix is also available with tracking dye for direct loading onto gels

**2X ViRed OneStep *Taq*  
ReverseTrans  
PCR Master Mix**



**2X OneStep  
*Taq* ReverseTrans  
PCR Master Mix**



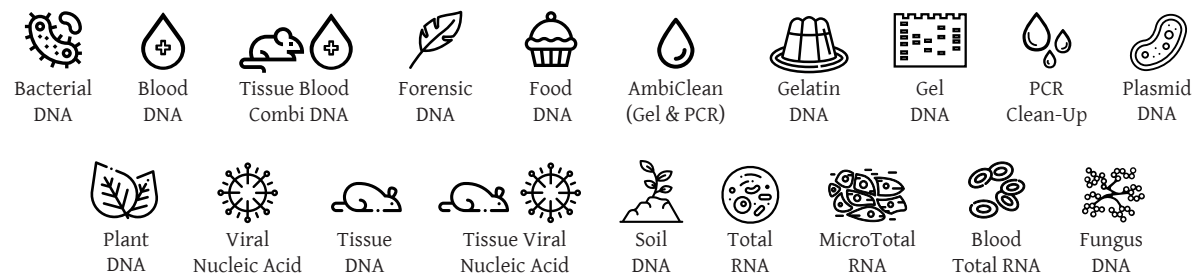
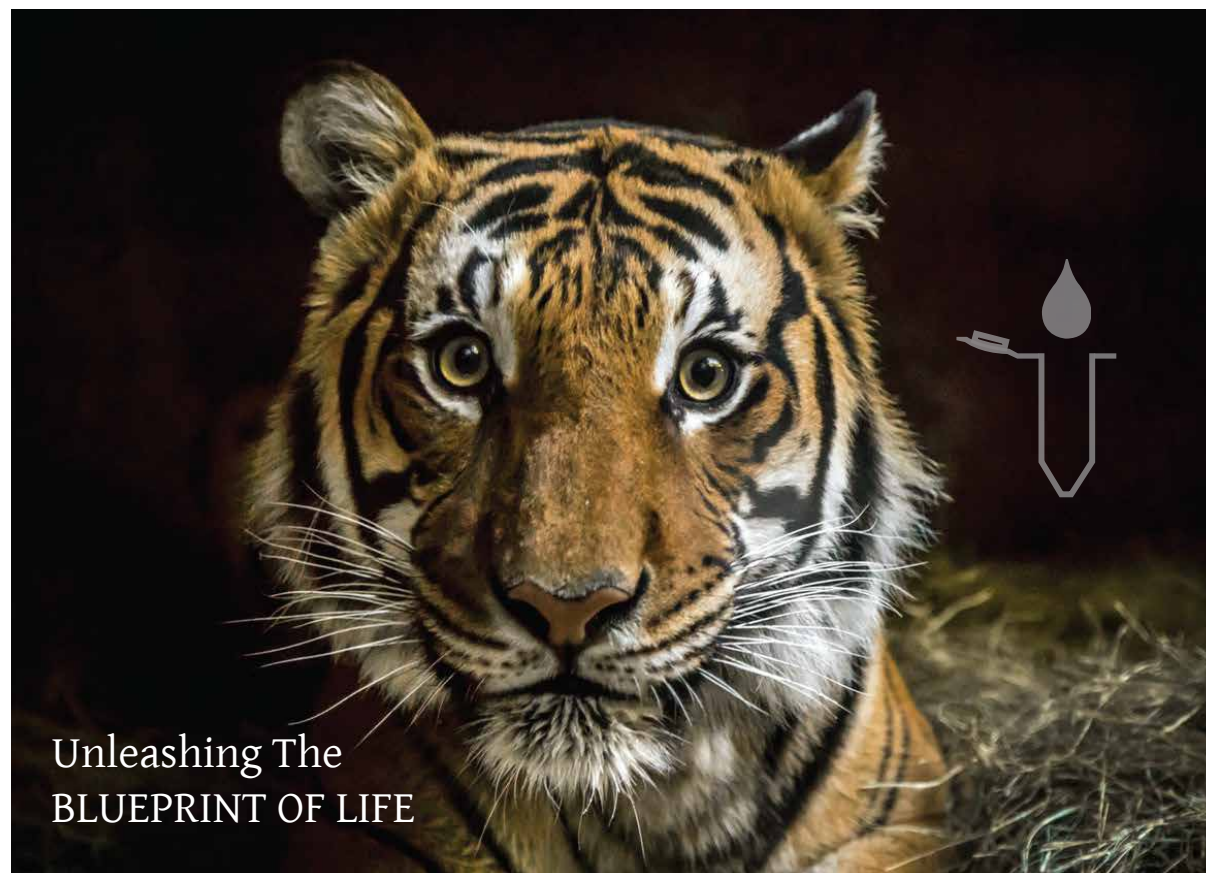
**Viva cDNA Synthesis Kit**



**Viva 2-step RT-PCR Kit**





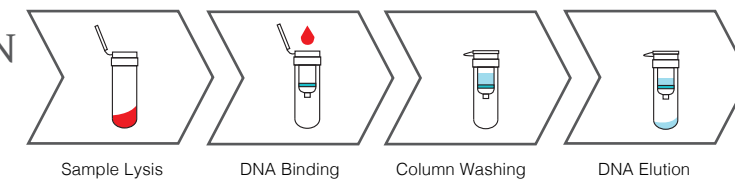


## Nucleic Acid Purification System

- 20 types of GF-1 Nucleic Acid Mini-Prep Kits for isolation of nucleic acid and purification for various sample sources
- Mini spin column technology
- Non-toxic and non-organic solvent-based extraction methods
- Rapid and easy purification protocol
- High yield, high purity with reliable and reproducible results
- Also available in 96-well format



PURIFICATION  
Made EASY





# Ladders & Markers / Nucleic Acids / Nucleotides

- Clear band resolution
- Accurate, easy-to-read results
- Ready-to-use, load-and-go
- Various choice of DNA and protein ladders and markers
- Suitable for DNA gel electrophoresis, SDS-PAGE and Western Blot
- Multiple selection of nucleic acids and nucleotides





## Polymerases & Modifying Enzymes

- Wide selection of polymerases and ligases for DNA templates
- For standard, multiplex or Hot Start PCR
- Reverse transcriptase and ribonuclease inhibitor for RNA template



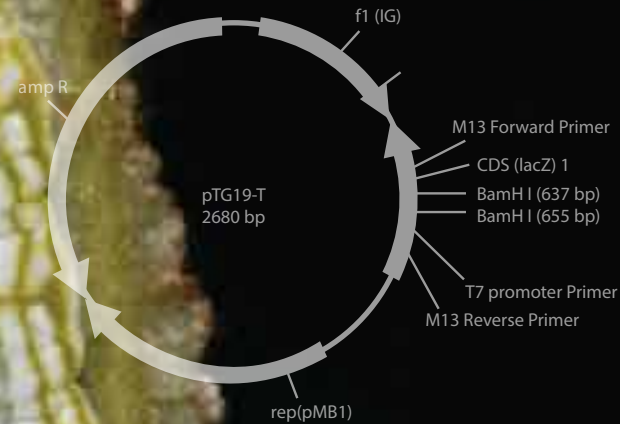
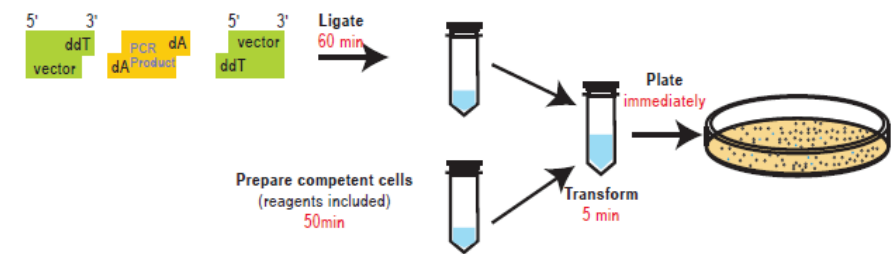


# Cloning Kits

- Flex-C Cloning Kit allows easy and rapid cloning in one day
- Restriction enzyme, phosphatase and ligase-free system
- High efficiency with >95% positive clones
- pTG19-T vector produces high percentage of recombinant clones



## PCR Product Cloning Procedure



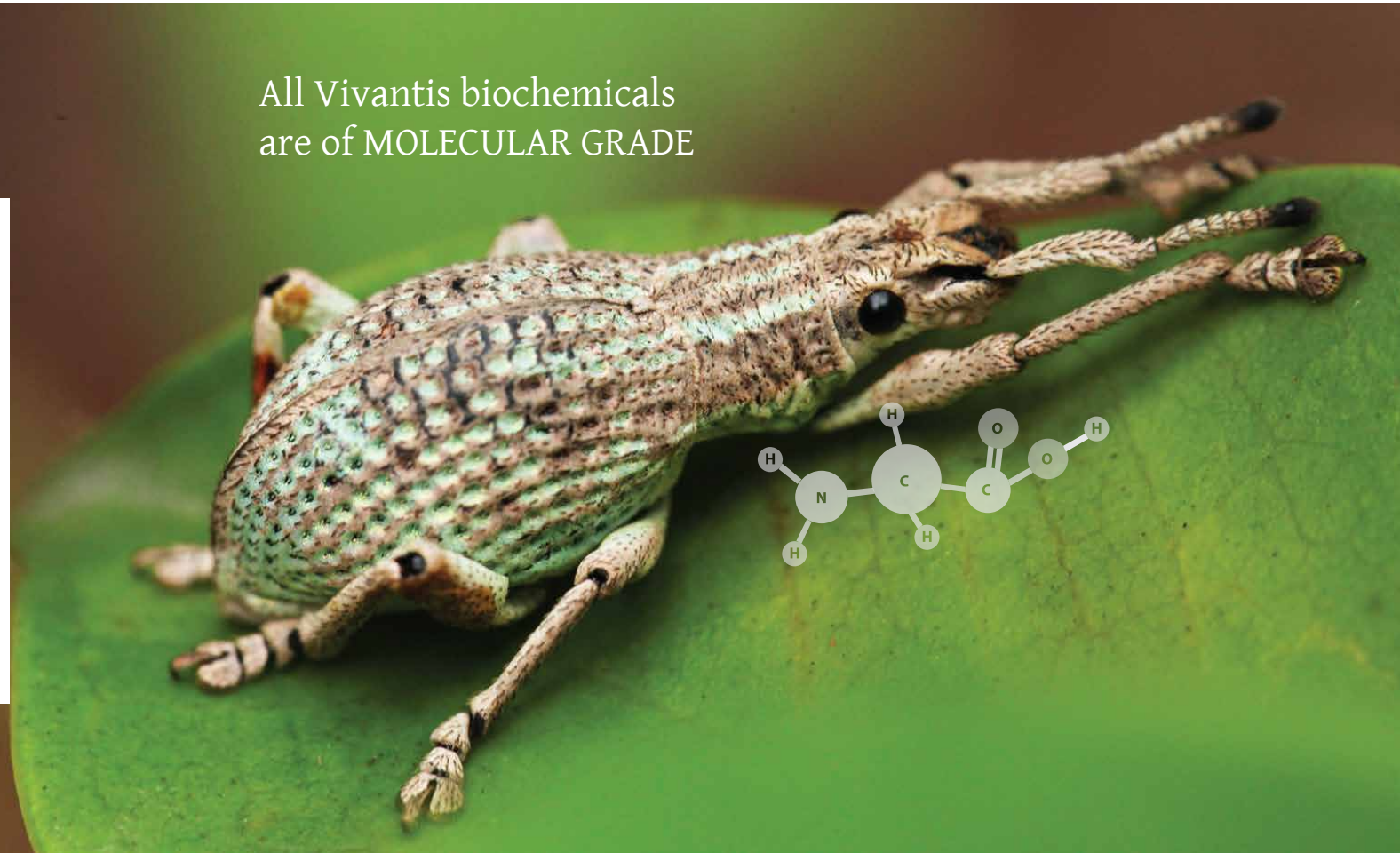
# Biochemicals



- Comprehensive range of high-quality biochemicals
- Suitable for molecular biology, genomic and proteomic research



All Vivantis biochemicals  
are of MOLECULAR GRADE





Tailor made for  
CONSISTENT results



Tris-Borate-EDTA  
(TBE) Buffer



Tris-Acetate-EDTA  
Buffer (TAE)



Phosphate Buffered  
Saline (PBS)



TE Buffer



EDTA Buffer



Tris Buffer



## Ready Made Buffers

- DNase-free & RNase-free & Protease-free
- Freshly prepared for each order
- Guaranteed consistent positive results
- Ready-to-use, hassle-free
- Sterile & conveniently packaged
- Premium quality with various optimized concentrations & preset pHs

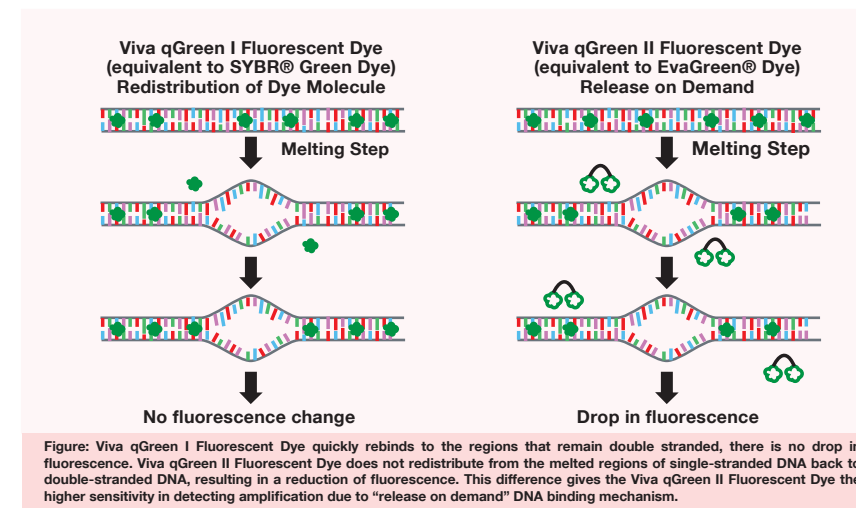




Reliable, SAFE,  
NONMUTAGENIC dyes  
with HIGH SENSITIVITY

## Dyes

- High-quality nucleic acid, real-time PCR and tracking dyes
- Noncytotoxic and nonmutagenic, stable, sensitive and environmentally safe fluorescent nucleic acid dyes
- Sensitive fluorescent dyes equivalent to SYBR®Green and EvaGreen® Dyes for real-time PCR



### ViSafe Red Gel Stain



### ViSafe Green Gel Stain





# ViPlex Fluor Real-time PCR System

The ViPlex Fluor Real-time PCR System is compact and precise real-time PCR instrument that delivers optimal thermal performance and produces accurate, reliable data. Maximum 2×16-well samples can be run in two different protocols on two independent thermal blocks simultaneously. The system is built for labs that require superior performance and dye versatility.

The exceptional block temperature control and fast temperature ramp rates allow you to save time with optimized protocols. The user interface is easy to navigate on the 7-inch TFT touch screen. The ViPlex Fluor Real-time PCR System is an excellent instrument for wide range of applications such as gene expression analysis, pathogen detection, genotyping and food safety.



Orchestrating qPCR with  
OPTIMUM PERFORMANCE & CONFIDENCE

## ViPlex Fluor Real-Time PCR System





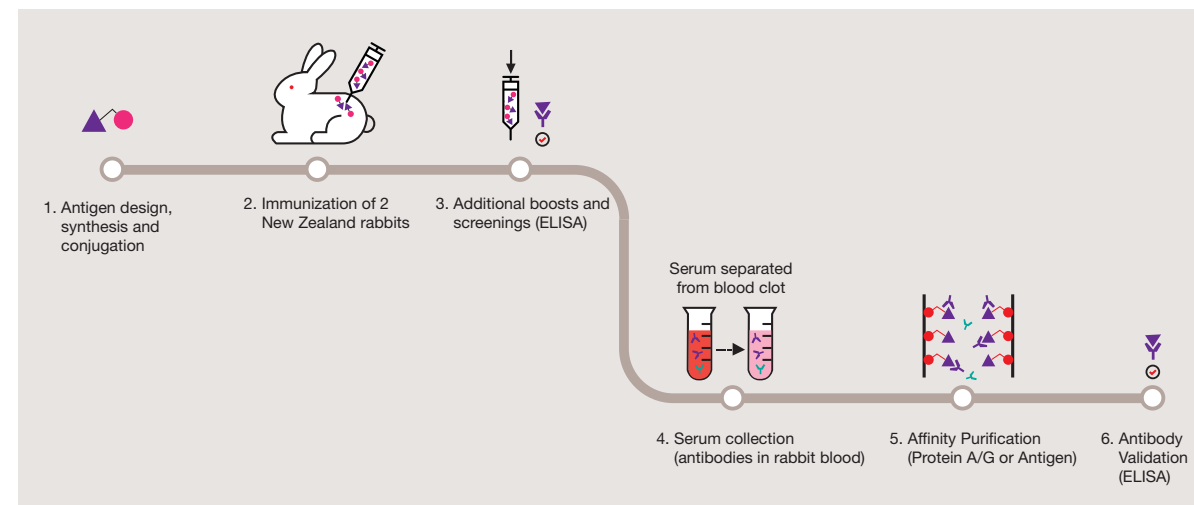
## Services



We provide an array of custom oligo synthesis as well as polyclonal antibodies and peptide synthesis services.

With our reliable expertise and flexibility, we strive to support your requirements to ensure a successful project with satisfactory outcome.

### Custom Polyclonal Antibody Development Workflow







## Top Publications Citing Use of Vivantis Products

Scientific peer recommendations  
are always crucial for specific  
applications in research.

References, product quality or  
suitability are often concerned by  
scientists before committing to use a  
certain product. Thus, it is a pleasure to  
witness the ever-growing use of our  
products by researchers around the  
globe and proven with citations in  
various journals.

## Global Presence

Vivantis Technologies is constantly expanding and has now marketed its products to over 50 countries worldwide via direct sales force to local end-users and through distributors' sales channel to international markets.

We strive to meet our ever-growing demands from all corners of the world with our vast distribution channels so more scientists can benefit from our latest products and services.



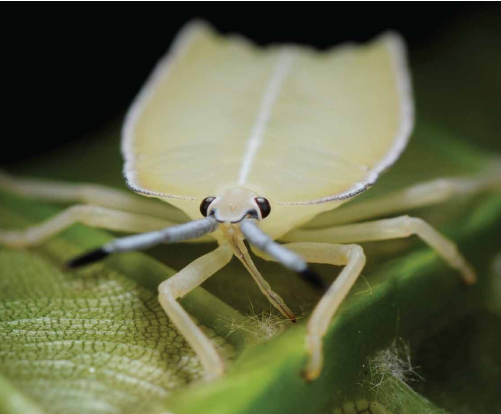
With our expertise, commitment and marketing ability, we also provide OEM and custom solutions globally. We are confident in providing customized OEM projects and meeting your needs.

Over 50  
COUNTRIES WORLDWIDE





# Ordering information



For all purchases, please include the following information with your purchase order:

- Name of Company / Institution
- Ship to Address
- Invoice Address
- Purchase Order Number
- Quantity and Product Size
- Product Catalog Number and Description
- Telephone & Fax Number
- Email & Contact Person

Vivantis has a team of dedicated scientist who always ready to answer your technical inquiries about products and their uses and applications, provide information about new products and new innovation to help you choose the most suitable product for your research.

## Acquaint Us

**General inquiries :**  
info@vivantechnologies.com

**Technical Support :**  
vivalab@vivantechnologies.com

**International Distributor / OEM Services :**  
international@vivantechnologies.com



## Limited Warranty

Some product information in this catalog may be abbreviated. Before ordering, we recommend that you review product specifications as published in the product insert available on our website or call and request a copy from our distributor. Product inserts on the website reflect, in general, the applications and conditions of use. Products should be used in accordance with the insert shipped with the product. Vivantis reserves the right the change product specifications without prior notification. All products supplied by Vivantis are designed to meet our published specifications when used under normal conditions in laboratory.

For research use only.

Vivantis reserves the right to make changes to these Terms & Conditions, at any time without notice.

[www.vivanttechnologies.com](http://www.vivanttechnologies.com)

*v* i v a n t *i* s

Pairing Nature with  
Scientific Discoveries



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