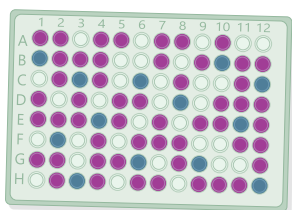


Complete Range of Raw Materials for Immunological & Molecular Assay Manufacturers

ISO 13485 Certified Manufacturer

Solutions for human diagnostics, vet health, environmental, food testing & fraud prevention

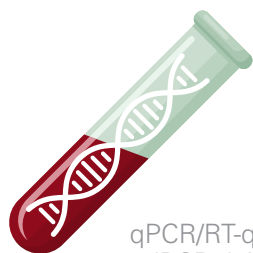


ELISA, CLIA, Lateral Flow

Antigens, Antibodies & Blockers

150+ disease states

- Infectious Diseases
- Cardiac
- Cancer
- Vet Health
- HAMA Blockers
- Endocrine Disorders
- Drugs of Abuse
- Autoimmune
- Allergens
- Animal IgGs



qPCR/RT-qPCR,
dPCR, LAMP

Molecular Reagents

- qPCR/RT-qPCR Optimized Mixes
- Lyo-Ready & Air-Dryable Mixes
- Inhibitor Tolerant Mixes
- DNA Polymerases
- Reverse Transcriptases
- Bst Enzymes
- High-Fidelity Enzymes
- Extraction Controls
- dNTPs

Our products are used in commercial assays worldwide and their performance has been validated within approved FDA, CFDA, TGA, ANVISA and CE-marked assays.

Company Overview

43+ Years History | 700+ Employees | 14 Worldwide Locations



Facilities

Commercial Scale
Manufacturing



Cincinnati, USA

Corporate Headquarters
Diagnostic Tests



Memphis, USA

Native & Rec-Antigens
Antibodies & Blockers



Luckenwalde, Germany

PCR Enzymes
Optimized Master Mixes
dNTPs



Florida, USA

Monoclonal & Polyclonal Antibodies



London, England

PCR Enzymes
Optimized Master Mixes



Beijing, China

Sales
Marketing
Logistics/Fulfillment



Sydney, Australia

Sales
Marketing
Logistics/Fulfillment



70+ Global Markets | Nasdaq: VIVO



Solutions Tailored to a Wide Range of Industries

From hi-throughput testing to specialized point-of-care devices, Meridian's products support all types of assay development



Human Diagnostics



Vet Health



Blood Banking



Genetic Screening



Environmental



Water Testing



Food Testing



DNA Barcoding

Antigens, Antibodies & Blockers

Large portfolio covering 150+ disease states, disorders & other screening targets important to food and environmental monitoring.



Viral Hepatitis

- HAV
- HBV
- HCV
- HDV
- HEV



ToRCH & Childhood

- Toxo
- Rubella
- CMV
- HSV-1,2
- Rubeola
- EBV
- Mumps
- Coxsackie
- Rotavirus
- RSV
- Parvo B19
- VZV



Tropical

- Zika
- Dengue 1, 2, 3, 4
- Chikungunya
- Malaria
- Chagas
- Leishmaniasis
- Leptospirosis
- Newcastle disease
- Yellow Fever
- Nipah
- JEV



STD

- HSV-1, 2
- HIV-1, 2
- HPV
- Syphilis
- Chlamydia
- Neisseria



Respiratory

- SARS-CoV-2
- *M. pneumoniae*
- *C. pneumoniae*
- Influenza A,B
- Parainfluenza
- *L. pneumophila*
- RSV
- *M. tuberculosis*
- Streptococcus
- Staphylococcus
- Adenovirus



Microbial Detection

- *C. jejuni*
- *E. coli*
- Legionella
- Salmonella
- *B. anthracis*
- Clostridium
- Listeria
- Streptococcus
- Staphylococcus
- Cryptosporidium
- *G. lamblia*



Gastro

- *H. pylori*
- *C. difficile*
- Norovirus
- Adenovirus
- Rotavirus
- Cryptosporidium
- Campylobacter
- *E. coli*
- Salmonella
- *G. lamblia*
- Astrovirus



Veterinary

- African Swine Fever Virus (ASFV)
- Avian Influenza
- Borrelia
- *Brucella abortus*
- Canine Distemper
- Feline Immunodeficiency
- Feline Leukemia
- Foot-And-Mouth
- Canine Heartworm
- Infectious Bursal Disease
- Marek Disease
- Newcastle Disease
- Canine Parvovirus
- Rabies Virus
- Serum Amyloid A (SAA)
- *Trichomonas foetus*
- Nipah
- Transmissible Gastroenteritis



Cardiac

- Troponin I, T
- Myoglobin
- BNP
- NT-proBNP
- CRP
- PCT
- CK-MB
- D-Dimer
- Cystatin-C
- Galectin-3
- Vitamin D
- Apo A,B,E
- NSE
- FABP
- SAH
- MPO
- Fibrinogen
- EGF
- Lp-PLA2
- PAPP-A



Hormones

- LH, FSH, hCG, hGH, AMH
- Cortisol, Estradiol
- Insulin, C-peptide
- Prolactin
- Progesterone
- PTH
- PAPP-A
- TSH, T3, T4, ACTH
- Thyroglobulin



Cancer

- CA125
- CA15-3
- CA19-9
- CA72-4
- CA50
- CA242
- CEA
- Cyfra 21-1
- erbB-2/HER2
- Thyroglobulin
- AFP
- EGFR
- HE4
- NSE
- PIVKA II
- PMA
- PAP
- PSA
- PSMA
- S-100
- B2M



Drugs of Abuse

- Amphetamine
- Barbitol
- Benzodiazepine
- Buprenorphine
- Cocaine
- Cotinine
- EDDP
- Fentanyl
- Ketamine
- K2
- MDMA (Ecstasy)
- Methadone
- Methamphetamine
- Morphine
- Norketamine
- Opium
- Oxycodone
- PCP
- Phenobarbital
- Propoxyphene
- THC



Autoimmune

- Jo-1
- PCNA
- pANCA
- cANCA
- Sm Ag
- dsDNA
- La(SSA)
- Ro(SSA)
- Histone
- GMB
- C1q
- Scl-70
- SS-A
- B2-Gly-1
- Cathepsin G
- Calprotectin



Allergens

- Cat and Dog Allergen
- Horse Allergen
- Dust Mite
- *Alternaria alternate*
- Timothy Grass
- *Platanus acerifolia*
- Mugwort

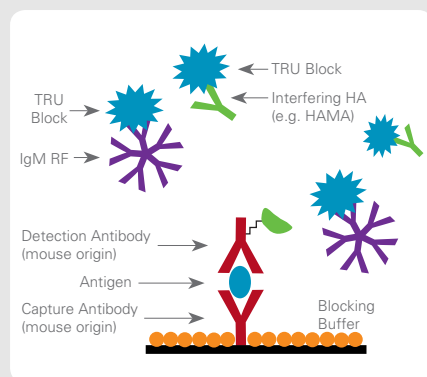


Blockers

- TRU Block™
- IgM Diluent
- Animal IgGs- Bovine, Chicken, Goat, Mouse, Rabbit, Sheep
- Human IgA, IgG, IgM, IgE
- Kappa Light chain
- Lambda Light Chain
- Goat Anti-Human IgG, IgM, IgA
- Goat Anti-Mouse IgG

Assay Interference Blockers

Reduce interference from proteins in patient samples that could produce false results and lead to an incorrect diagnosis.



RF/IgG Absorbents

IgM Diluent

Blocks IgG antibody interference, HA & RF

GAH IgG (Fc)

Removes human IgG and IgG/RF complexes from serum prior to testing for IgM Ab

HAMA, RF, HA All-in-1 Ultra Blocking

TRU Block™ ULTRA

Blocking formulation with proprietary antibody that reduces HAMA, RF & HA

HAMA Blocker

Mouse IgG

Blocks HAMA in double-mouse monoclonal sandwich assays

HA Blocker

Animal IgGs

Reduces interference caused by Heterophilic Antibodies (HA) present in a patient sample that can react with the PAb

Molecular Dx Reagents

Range of specialized mixes for industry applications and individual components that can be tailored to any assay.



qPCR & RT-qPCR Hot-Start Master Mixes

- Low DNA qPCR Mix
- Fast qPCR Mix
- Hi-Throughput dUTP qPCR Mix
- Inhibitor-Tolerant qPCR & RT-qPCR Mix
- Fast 1-Step RT-qPCR Mix
- Low LOD 1-Step RT-qPCR Mix
- Digital qPCR Mix



DNA Polymerases

- Taq DNA Polymerase
- Taq HS DNA Polymerase
- Glycerol-Free Taq HS
- Aptamer Taq HS (Glycerol-Free)
- Low DNA Taq HS
- High-Fidelity Pfu
- High-Specificity Pfu HS Mix



Extraction Controls

- qPCR Extraction Control
- RT-qPCR Extraction Control
- VLP Extraction Control



Reverse Transcriptases

- Lyo-compatible MMLV-RT
- RNase-Tolerant MMLV-RT
- MMLV-RT



Lyo-Ready & Air-Dryable PCR & RT-qPCR Mixes

- Lyo-Ready qPCR Mix
- Lyo-Ready 1-Step RT-qPCR Mix
- Lyo-Ready 1-Step RT-qPCR Virus Mix
- Air-Dryable qPCR Mix



Bst for LAMP

- Bst DNA Polymerase
- High Concentrate Glycerol Free Bst



General MDx Reagents

- Tissue Extract-PCR Buffers
- Uracil DNA Glycosylase*
- Proteinase K Solution
- RNase Inhibitor
- Taq HS Antibody
- dNTPs (Li & Na SaH)



NGS Enzymes & Buffers

- Library Quantification
- Clean and Select Beads
- ER Enzyme Mix
- Ligase

*Unavailable in the USA

Properties & Applications for Master Mixes

Product Name / Description		Hot-Start	Ambient Temperature Asays	Fast Reactions	Multiplex Reactions	Inhibitor-Rich Samples	Low-Copy Template	Human Dx & Vet Dx	Food & Water Testing	Blood Banking
qPCR	Low DNA qPCR Mix Ideal for microbial and fungal detection	Chemical		✓		✓	✓	✓		
	Fast qPCR Mix Hot-Start mix for fast multiplex reactions	Antibody	✓	✓		✓	✓			
	Lyo-Ready qPCR Mix Lyophilization-ready formulation, includes lyo excipients	Antibody	✓	✓	✓	✓	✓	✓		
	Air-Dryable qPCR Mix Ready-to-use 4x qPCR mix ideal for oven or air-drying technologies	Antibody	✓	✓	✓	✓	✓	✓		
	Hi-Throughput dUTP Mix Formulated to remove background PCR product contamination	Antibody	✓	✓			✓			
	Inhibitor-Tolerant qPCR Mix Amplification directly from crude lysates or inhibitor-rich samples such as urine, cerebral spinal fluid (CSF), saliva, blood and plants	Antibody		✓	✓		✓			
RT-qPCR	Inhibitor-Tolerant RT-qPCR Mix All-in-one, 4x master mix designed for RT-qPCR from crude samples such as sputum, stool and saliva. No sample extraction required	Antibody	✓	✓	✓	✓	✓	✓		
	Fast 1-Step RT-qPCR Mix Hot-Start mix for fast multiplex reactions	Antibody	✓	✓			✓			
	Lyo-Ready 1-Step RT-qPCR Mix Lyophilization-ready formulation, includes lyo excipients	Antibody	✓	✓	✓		✓	✓		
	Lyo-Ready 1-Step RT-qPCR Virus Mix Ideal for developing lyophilized multiplex assays detecting RNA viruses with a high secondary structure	Antibody	✓	✓	✓		✓	✓		
	Low LOD 1-Step RT-qPCR Mix Suitable for multiplex assays detecting viruses at very low levels	Antibody		✓	✓	✓	✓			✓



Life Discovered. Life Diagnosed.

Point-of-Care Diagnostic Assays for Gastro, Pediatrics,
Neonatal Care, Respiratory & Lead Poisoning

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Memphis, Tennessee 38134-5611 USA

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