

PRODUCT CATALOGUE

- Professional IVD Reagents&POCT Analyzer Manufacturer
- From Raw Materials to IVD Products



- **IVD Products:**

Therapeutic Drug Monitoring(TDM) Unique Series
Fluorescence Immunochromatographic Assay
Chemiluminescence Immunoassay Reagents
Colloidal Gold Rapid Test
Biochemistry Reagents

- **IVD OEM:**

Uncut sheets, Semi-finished Reagents and
Compatible Machine

- **IVD Raw Materials:**

Antigens, Antibodies and Enzymes

- **Nucleic Acid Synthesis Service:**

DNA, RNA and Gene Synthesis

- **RNA CRO Service:**

For RNA Vaccine and Medicine R&D



About Diagreat

- Headquartered in Beijing with 20 sub-offices in China.
- More than 100 people in our R&D team : 8 PHD staff and many Master staff who own more than 11 patents.
- Full Coverage IVD products : From raw materials to finished products, from reagents to analyzers.
- CE, NMPA, INVIMA, ANVISA, SACS, DIGEMID, ARCSA, TFDA approved...

Beijing Diagreat Biotechnologies Co., Ltd. (Diagreat), established in 2013, is headquartered in Beijing Economic and Technological Development Zone. Diagreat has a mature research and production platform for core materials upstream of in vitro diagnosis and life science. These include small molecule directional coupling technology, antibody research and production, protein engineering technology, enzyme molecular engineering technology, nucleic acid synthesis and modification, primer-probe synthesis, gene synthesis, and sequencing, etc.

Diagreat has a variety of in vitro diagnostic products with domestic registration certificates. The main product lines include the Fluorescent Immunochromatographic - POCT series and the Chemiluminescence series, which supports Therapeutic Drug Monitoring (TDM). Our series have passed CE certification and certifications in Italy, Mexico, Ecuador, etc. These products are currently utilized in more than 60 countries and regions globally.

Diagreat has dozens of patented inventions. We successively won the honorary titles of "National High-tech Enterprise", "Zhongguancun High-tech Enterprise", "Beijing 'Specialization, Refinement, Differentiation, Innovation' of Small and Medium-sized Enterprises", "Beijing Golden Seed Enterprise", "Yizhuang Deloitte Top 20 growth" and other honorary titles. Diagreat has won the First Prize for Scientific and Technological Progress in Beijing, undertaken one national key scientific and technological research and development project, and has successively completed a number of key scientific and technological research and development projects in Beijing, as well as a number of regional science and technology projects.

Advantages Travelling with Diagreat in the IVD wonderland to reach Win-Win Outcome

Reagents

191 CE-IVD Reagent Kits (Full Range)
2019-nCoV Ag (CE1434)
TDM(Exclusive)
Drug Abuse Test (31 panels)
Infectious Disease Test (NEW)
Heavy Metal Poisoning (USA and EU Patented)

Platforms

Clinical Chemistry
POCT (Fluorescence
Immunochromatography Assay)
CLIA (Chemiluminescence
Immunoassay)
Rapid Test (Colloidal Gold Assay)

Plenty of Partnership

Raw Materials
OEM
Bulk Sheet Package
Diagnostic antibody, antigen, enzyme
Gene synthesis
Primer Probe Synthesis



Catalog

❖ IVD Products

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❖ IVD OEM

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❖ Nucleic Acid Synthesis Service

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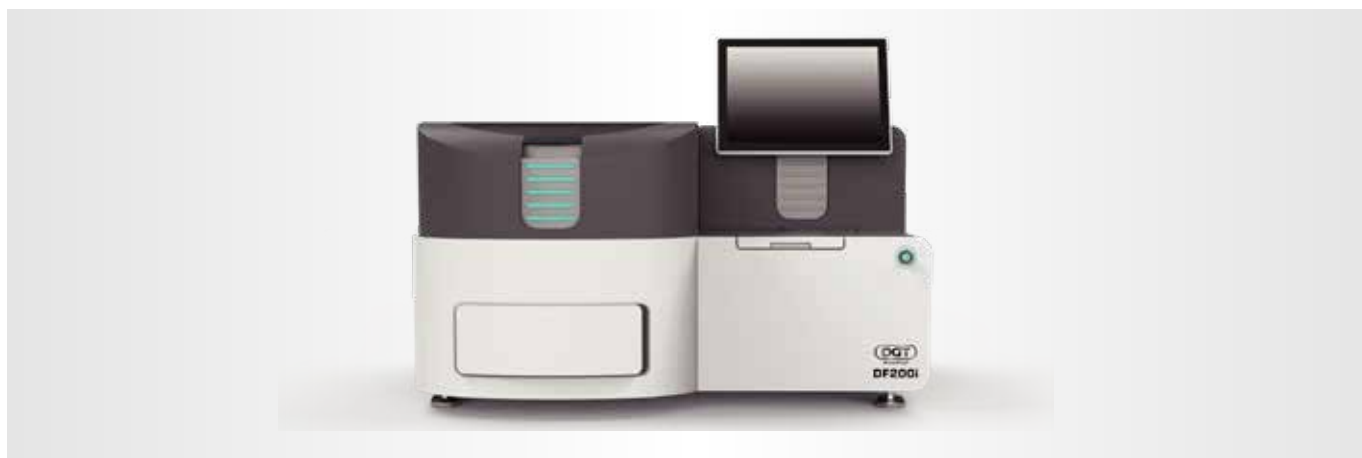
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Chemiluminescence Immunoassay Analyzer

DF200i Automatic Chemiluminescence Immunoassay Analyzer

Desktop Type



Advantages

- 200 Tests/hour
- 25 reagents locations
- 60 sample locations
- 24h Reagent refrigeration
- Multi-sample types: serum, plasma and urine

Analyzer

- 865*620*1250mm
- 100V-240V~, 50Hz/60Hz
- 129KGS

Specifications Output

- LCD Screen
- Internal printer
- LIS/HIS Connection

Memory

- 8G

DF100i Automatic Chemiluminescence Immunoassay Analyzer

Portable Type



Advantages

- 120 Tests/hour
- 10 reagents locations
- 30 sample locations
- 24h Reagent refrigeration
- Multi-sample types: serum, plasma and urine

Analyzer

- 433*678*638mm
- 62KGS
- 100-240V~, 50/60Hz

Specifications Output

- Touch screen
- External printer
- LIS Connection

Memory

- 8G

Automated Therapeutic Drug Monitoring Platform for Chemicals and Biologics



90+ items available

TDM Chemicals 		TDM Biologics 	
Carb	PHT	Adalimumab	
Dig	Theo	Free Anti-adalimumab	
MPA	VM	Infliximab	
MTX	VPA	Free Anti-infliximab	
FK506	MEM	Golimumab	
5-FU	Vorl	Free Anti-golimumab	
TEIC	Gent	Cetuximab	
tRSP	LZD	Free Anti-cetuximab	
PTX	LTG	Bevacizumab	
CsA	PMB	Free Anti-bevacizumab	
		Rituximab	
		Free Anti-rituximab	
		Obinutuzumab	
		Free Anti-Obinutuzumab	

Hot CLIA Reagents

Cardiac			Tumor			Inflammation		
cTnI	NT-proBNP	D-Dimer	AFP	CYFRA21-1	PSA	CRP	IL-6	IL-10
cTnT	HFABP	S100-β	CEA	HE4	fPSA	PCT	IL-8	TNF-α
CKMB	LP-PLA2	hs-cTnI	CA125	SCCA	NSE	SAA	IL-1β	IL-2R
Myo	BNP	hs-cTnT	CA153	ProGRP	CA50			
			CA19-9	CA72-4	CA242			
Gastric			Thyroid			Hormone		
PG-I	PG-II	G17	T3	FT4	Anti-TPO	TESTO	PRL	LH
			T4	TSH	Anti-Tg	FSH	β-HCG	E2
			FT3	Tg		PROG		
Vitamin			Infectious Disease			Glucose metabolism		
VB12	25-OH-VD	FA	HBsAg	HCV Ab/Ag Combi		CP	INS	
			Anti-HBs	HIV Ab/Ag Combi				
			HBeAg	Syphilis Ab (TP)				
			Anti-HBe	Anti-HBc				
Immunological			Hepatobiliary					
	IgE		LN	CIV	PIIINP	HA		
Anemia								
	FER							

Time-Resolved Immunofluorescence Analyzer

Point-Of-Care Test (POCT)

- ✧ Convenient: Peripheral blood, serum, plasma available
- ✧ Cost-effective, Get results in 10s
- ✧ Accurate, Reliable and Easy operating

D20, 12 Channels Multichannel Time-Resolved Immunofluorescence Analyzer



Convenient

- 50,000 tests in memory
- LIS/HIS connection
- Serial, ethernet, USB, mini USB, micro SD card port

Analyzer

- 470*320*315mm
- 16.9KGS
- AC 220V 5/60Hz 250VA

Smart

- Inner incubation
- 8-inch color screen
- Test over 60 parameters

Flexible

- 12 test card slots
- Internal/External printer

D10, Single Channel Portable Time-Resolved Immunofluorescence Analyzer



Convenient

- 100,000 tests in memory
- Serial, Ethernet, USB, Mini USB, Micro SD card port

Analyzer

- 265*230*140mm
- 2.0KGS
- AC 110-240 V, 47-63HZ

Smart

- 7-inch color touch screen
- Test over 60 parameters

Flexible

- Portable size
- Internal Printer
- 10 seconds to get test result

Therapeutic Drug Monitoring(TDM)



Antiepileptic Drugs (AED)

Carb

VPA

PHT

tRSP

Antibiotic

VM

TEIC

MEM

LTG

Antineoplastic Drug

MTX

PTX

5-FU

Immunosuppressant

FK506

CsA

MPA

Antituberculous Drugs

RFP

INH

Cardiac Glycoside

Dig

Antifungal

Vorl

Antiasthmatic Drugs

Theo



Hot POCT Determination Kits

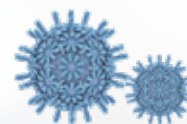


70+ items available

Tumor	tPSA	Infectious Disease	2019-nCoV IgG/IgM Ab
	fPSA		IVA/B Ag
	AFP		2019-nCoV Ag
	CA125		2019-nCoV NAb
	CEA		HIV (1+2) Ab
	CA153		HCV Ab
	CY211		HP Ag
	CA199		Syphilis Antibody
Thyroid	T3 	Sex Hormones	CT IgG
	T4 		CT IgM
	FT3		FSH
	FT4		LH
	TSH		Prog
Immunity	RF		PRL
	IgE		β -HCG
Gastric	PG I	Diabetes	AMH
	PG II		E2
Cardiac	cTnl/CKMB/MYO		Testo
	cTnl		HbA1c 
	D-Dimer		Insulin
	CKMB	Nephritic	Cys C
	MYO		mALB
	NT-proBNP		NGAL
	HFABP	Bone Metabolism	25-OH-VD 
	Lp-PLA2		
Inflammation	CRP	Heavy Metal	Pb
	PCT		Cd
	SAA	Pneumonic	CP IgG Ab
	IL-6		CP IgM Ab
Others	CG		CP/MP IgM Ab
	Fer	Cerebrovascular	S100- β

Rapid Test

50+ items available



Abbr	Product name	Abbr	Product name
2019-nCoV	2019-nCoV IgG/IgM AB	cTnT	Troponin T
	2019-nCoV AG	MOP	Morphine
Monkeypox Virus	Monkeypox Virus Ag Test	MET	Methamphetamine
Influenza A/B	Influenza A/B Viral Antigen	THC	Cannabis sativa
Chikungunya	Chikungunya IgM	MDMA	Ecstasy
Dengue	Dengue NS1 Ag	KET	Ketamine
	Dengue NS1 Ag	K2	Synthetic cannabis (K2)
	Dengue IgG/IgM Combo	AMP	Amphetamine
HP	HP AB	BAR	Barbiturates
	HP AG	BUP	Buprenorphine
Typhoid	Typhoid IgG/IgM Combo	BZO	Benzodiazepines
PSA	PSA Semi-quantitative	COC	Cocaine
Toxoplasma	Toxo IgG/IgM Combo	FTY	Fentanyl
Tuberculosis	TB IgG/IgM Combo	MTD	Metadon
Malaria	Malaria Pf/Pv Ag	OPI	Opium
	Malaria Pf Ag	OXY	Oxycodone
	Malaria Pf / Pan Ag Combo	PCP	Phencyclidine
HCV	HCV Ab Combo	PPX	Propoxyphene
	HCV Ab Plus	TCA	Tricyclic antidepressant
TP	Syphilis Ab	TRA	Tramadol
HIV	HIV 1/2 Ab Plus Combo	MCAT	Methcathinone
	HIV Ag/Ab 4th Gen	F-KET	2-Fluorodeschloroketamine
HBV	HBsAg Combo	CAF	Fentanyl
	HBsAg	K3	Synthetic cannabis(K3)
FOB	FOB Rapid Test	K4	Synthetic cannabis(K4)
	FOB-TRF Combo	K2/K3/K4	Synthetic cannabis(K2/K3/K4)
Streptococcus	Group A Streptococcus Antigen	SOMA	Carisoprodol
	Group B Streptococcus Antigen	MRD	Dolantin
2019-nCoV /Influenza A+B/RSV Antigen Combo	2019-nCoV		
	Influenza A		
	Influenza B		
	RSV		

CARBA 5 (KPC, NDM, IMP, VIM, OXA-48)

Sensitivity: KPC 0.5 ng/ml. NDM 0.15 ng/ml. IMP 0.2 ng/ml. VIM 0.3 ng/ml. OXA-48 0.1 ng/ml



Biochemistry Reagents

80+ items available

Product Name

H-FABP	RF	ALT	HbA1c
cTnl	Aso	AST	GSP
MYO	CCP	Y-GT	GLU
Lp-PLA2	NGAL	TP	INS
Hcy	Cys C	ALB	1,5-AG
α -HBDH	1-MG	TBIL	β -HB
CK	B2-MG	DBIL	IgG
CKMB	mALB	ADA	IgA
CKMB	NAG	ADA	IgM
LDH	UA	ALP	C3
LDH1	Urea	PA	C4
ACE	CRE	LAP	FER
IMA	CRE	CHE	TRF
APOA1	RBP	CG	TIBC
APOB	IgA	CG	UIB
APOE	IgG	TBA	Ca
APOC2	IgM	5NT	Mg
APOC3	UTP	GR	P
NEFA	CO2	AMM	CL
TCHO	I	MAO	Zn
TG	SA	D-D	K
HDL	SOD	FB	Na
LDL	ALC	FDP	Fe
LPa	a-AMY	CRP	Cu
PGI	PAMY	PCT	MPA
PGII	LPS	SAA	

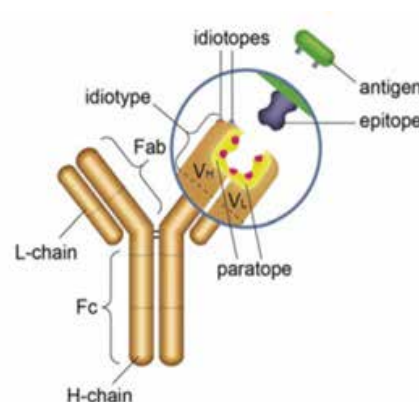
IVD OEM Service

Uncut Sheet and Bulk Biochemistry Reagents

- ★ Fluorescence immunochromatographic assay uncut sheet
- ★ Rapid test uncut sheet (Latex immunochromatography, colloidal gold)
- ★ Clinical chemistry bulk
- ★ Chemiluminescence immunoassay bulk

SDC™ Antibody conjugates

Unique design: Based on Fab-Alp antibodies, the Fab end of the antibody is connected to the site by SDC technology, which avoids the problem of interference caused by the Fc end of the antibody. In this way, the product has strong anti-interference ability, small inter-series difference and high specificity.



Product Name

CP Det Fab-ALP	cTnI 01 Fab-ALP	IL-6 Det3 Fab-ALP
FSH Det Fab-ALP	cTnI 02 Fab-ALP	Ferr Det Fab-ALP
PRL Det Fab-ALP	cTnI 03 Fab-ALP	PGI Det Fab-ALP
LH Det Fab-ALP	cTnI 04 Fab-ALP	TNF-α Det Fab-ALP
tβ-HCG Det-ALP	cTnT Det Fab-ALP	25-OHVD Fab-ALP
AMH Det Fab-ALP	CKMB Det Fab-ALP	IL-10 Det Fab-ALP
E2 Fab-ALP	NT-ProBNP Det Fab-ALP	IL-8 Det Fab-ALP
MYO Det Fab-ALP	BNP Antibody01 Fab-ALP	IL-1β Det Fab-ALP
T3 Fab-ALP	BNP Antibody02 Fab-ALP	fPSA Det Fab-ALP
T4 Fab-ALP	D-Dimer Det Fab-ALP	PSA Det Fab-ALP
TSH Det02 Fab-ALP	PCT Det Fab-ALP	AFP Det Fab-ALP
G17 Det Fab-ALP	INS Det Fab-ALP	

IVD Raw Material

Best recommendation of raw material

1. Natural Protein Raw Materials

- ※ Better stability
- ※ High active
- ※ High purified
- ※ Wide application Rapid provisioning

Cardiac troponin I/T/C complex (cTnI/T/C)
 Human Chorionic Gonadotropin natural protein (HCG)
 Prolactin natural protein (PRL)
 Follicle-stimulating Hormone natural protein (FSH)
 Luteinizing Hormone natural protein (LH)
 D-dimer natural protein (D-Dimer)
 Fibrin (ogen) Degradation Product natural protein (FDP)
 Creatine Kinase Isoenzyme natural protein (CKMB)
 C-reactive Protein natural protein (CRP)

2. Chemical Detection Raw Materials

- ※ High sensitivity
- ※ High specificity
- ※ Excellent clinical relevance

Glycocholic Acid Hapten and Antibody pairing raw materials
 Testosterone Hapten and Antibody pairing raw materials
 Estradiol Hapten and Antibody pairing raw materials
 Progesterone Hapten and Antibody pairing raw materials
 Thyroxine Hapten and Antibody pairing raw materials
 25-hydroxy Vitamin D Hapten and Antibody pairing raw materials
 Triiodothyronine Hapten and Antibody pairing raw materials

3. Immune Test Kit Raw Materials

- ※ High protein level
- ※ Better stability
- ※ Excellent correlation
- ※ Wide application

Glycated hemoglobin
 HbA1c antibody
 HbA1c Detantibody
 HbA1c Capantibody · HbA1c Calibrator/Quality control

4. PCR Raw Materials

- ※ Efficient amplification
- ※ High salt tolerance
- ※ Better stability
- ※ Comparable to import quality

Key enzyme material of loop-mediated isothermal
 amplification-LAMP
 New generation HotStart Bst DNA polymerase

5. Restriction Endonuclease

NcoI, NdeI, Apa, LlaScl, Bam, HlBcll, Clal, Dpnl

Antibody and Antigen of Immune Test

CG	HCG	H-FABP	Ferr	tPSA	TNF-a	TPO	PGI
Cysc	AMH	LP-PLA2	TSH	IL-1 β	HbA1c	cTn	PGII
NGAL	MYO	D-Dimer	T3	FSH	25-OHVD	QC	SAA
RBP	CK-MB	IL-6	T4	PRL	β 2-MG	HP	ALP
INS	NT-proBNP	IL-2	TG	PCT	IgM	Chlamydia	E1
C-P	BNP	IL-8	FluA	CRP	FDP	SA-Biotin	E2
PROG	Teso	IL-10	FluB	IF	LH	COVID-19	
Neisseri agonorr hoeae		Gardner ellavag inalis		Candida albicans			

Blood Coagulation Reagents Raw Materials

Four items of routine coagulation

Recombinant Esterified HumanTissue Factor	Rabbit brain powder
Bovine Thrombin	Rabbit cephalin

Thrombelastogram

Mineral raw materials	Tissue raw materials	Recombination factor	Thirteen factors
Diagnostic enzyme	Mineral raw materials	Batroxobin	AA ADP

Biochemistry Reagents Raw Materials

Total bileacid (TBA)	Homocysteine(HCY)	1,5 Anhydroglucitol(1,5-AG)	Uric acid
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Nucleic Acid Detection Kit Raw Materials

PCR mix	PCR material materials enzyme	LAMP Reagent raw materials
Recombinase-mediated thermostable amplification		mRNA related products

Nucleic Acid Synthesis Service

Genes and Gene Fragments Synthesis Service

Product Type	
AT-rich Gene Synthesis GC-rich Gene Synthesis Toxic Gene Synthesis Complex Gene Synthesis Long Fragment Gene Synthesis	Point mutation ((1 mutation point))
	PCR cloning
	Subcloning
	Plasmid Extraction

DNA Primer and Probe Synthesis Service

General primer	Modified primer	Gene Synthesis
Gene synthesis	Complex and Large fragment	PCR cloning
Site-directed mutagenesis	Single-labeled probe	oligo-dT primer
Sanger sequencing	Dual-labeled probe	Single-labeled probe

Intelligent Design and Synthesis Platform for RNA

siRNA

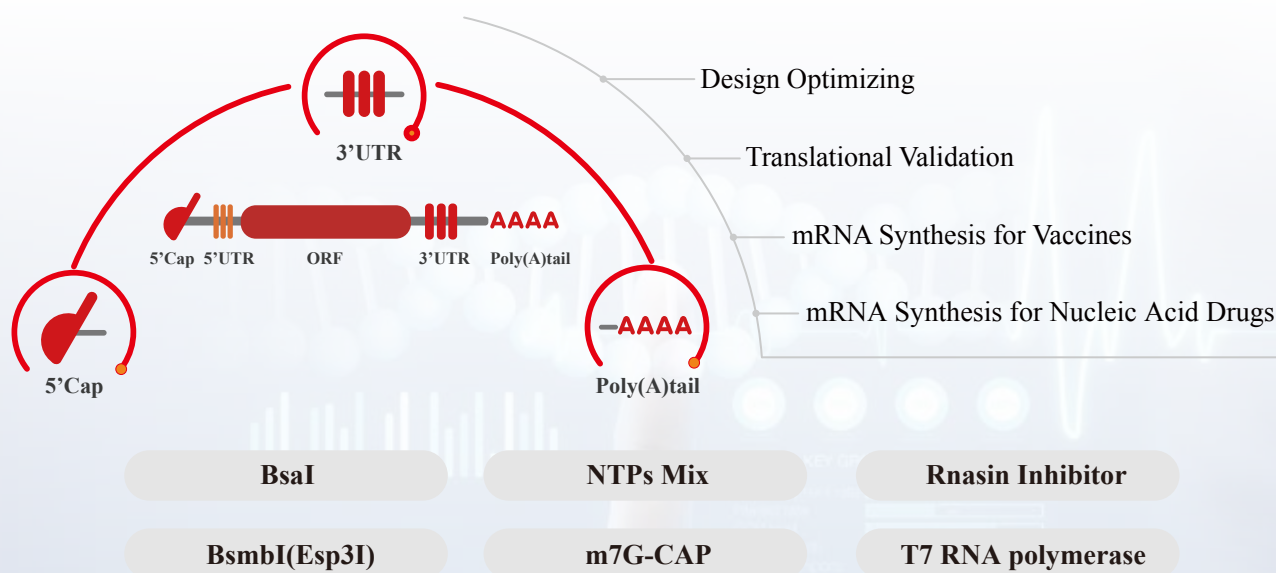
General siRNA	General siRNA package A	General siRNA package B
Chemical modified siRNA package C (thio, oligo, amino, sulfhydryl)		
Chemical modified siRNA package D (thio, oligo, amino, sulfhydryl)		
Fluorescent dye labeled siRNA package E (FAM, HEX, Cy3)		
Fluorescent dye labeled siRNA package F (FAM, HEX, Cy3)		
In vivo siRNA package G (Full chain methoxy modification, terminal cholesterol modification)		
In vivo siRNA package H (Full chain methoxy modification, terminal cholesterol modification)		
Fluorescent dye labeled siRNA	Rare base	Thiomodification (Phosphorothioates)
Phosphorylation	NH ₂ modification (Amino Linkers)	SH modification (Thiol)
Biotin	(Digoxigenin)	(Fluorescence)
TAMRA	BHQ1/BHQ2/BHQ3	
Other double labeled modification		

miRNA

Product type	Specification	Product name	Delivery
microRNA	2OD	microRNA mimics	5 working days
	2OD	microRNA inhibitor	5 working days
	2OD	microRNA mimics N.C	5 working days
	2OD	microRNA inhibitor N.C	5 working days
	2OD	microRNA agomiR	5 working days
	2OD	microRNA antagomiR	5 working days
	2OD	microRNA agomiR N.C	5 working days
	2OD	microRNA antagomiR N.C	5 working days

Product type	Specification	Product name
Control siRNA	1 OD	Negative control siRNA
	1 OD	FAM labeled negative control siRNA
	1 OD	GAPDH positive control siRNA
	1 OD	P53 positive control siRNA
	1 OD	β -actin positive control siRNA
	1 OD	Mimics N.C
	1 OD	Inhibitor N.C

mRNA Design and Synthesis CRO Service



International Exhibitions Will be Joined by Diagreat in 2024



MEDLAB Middle East
Date: February 5th to 8th, 2024
Place: Dubai World Trade Centre, Dubai, UAE
Booth No.: Z2.B39



MEDICAL FAIR INDIA
Date: March 13th to 15th, 2024
Place: Mumbai, India



89th CMEF Spring
Date: April 11th to 14th, 2024
Place: National Exhibition and Convention Center (Shanghai) (NECC), China.



Medic West Africa
Date: April 17th to 19th, 2024
Place: Lagos, Nigeria



Hospitalar
Date: May 21st to 24th, 2024
Place: Sao Paulo, Brazil



AACC Expo
Date: July 30th to August 1st, 2024
Place: McCormick Place, Chicago IL, USA



Medic East Africa
Date: September 4th to 6th, 2024
Place: Nairobi, Kenya



90th CMEF Autumn
Date: October 2024
Place: Shenzhen, China



RUSSIAN DIAGNOSTIC SUMMIT
Date: October 2nd to 4th, 2024
Place: Moscow, Russia



MEDICA Germany 2024
Date: November 11th to 14th, 2024
Place: Dusseldorf, Germany

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