

# Antibodies and Antigens for Rapid Diagnostic Assays

Lateral flow devices provide patients, clinicians, and employers with rapid, point-of-care testing. From screening for drugs of abuse to monitoring for infectious disease, lateral flow technology offers an inexpensive and easy-to-use format for qualitative and semi-quantitative analyte detection.

Fortis Life Sciences® designs, develops, manufactures, and markets reagents for rapid diagnostics. This includes monoclonal and polyclonal antibodies, antigens, and gold conjugates for use across multiple assays including pregnancy, drugs of abuse, infectious diseases, and more.

Our gold conjugate products are specially formulated for the attachment of a molecular recognition element such as an antibody for lateral flow and biodiagnostics. Our gold nanoshell conjugates have a high sensitivity label for lateral flow, with increased lateral flow assay sensitivity. We also offer consultation services, custom monoclonal antibody development, custom conjugations, and custom assay development.

Our knowledgeable technical team has over 30 years of experience and is available to ensure and maintain the quality of all our reagents and provide the best-in-class customer experience.

## Antibodies and Antigens

**Drugs of Abuse:** We provide bulk quantities of drugso f abuse antibodies and antigens to lateral flow manufacturers. All our antibodies and antigens are functionally tested for use in lateral flow assays, and we stand by the quality of each lot we create.

Antibodies	Antigens
Monoclonal anti UR144	UR144 BSA
Monoclonal anti Amphetamine (AMP)	Amphetamine (AMP) BSA
Monoclonal anti Barbitol (BAR)	Barbitol (BAR) BSA
Monoclonal anti Buprenorphine (BUP)	Buprenorphine (BUP) BSA
Monoclonal anti Benzodiazepine (BZO)	Benzodiazepine (BZO) BSA
	Benzoylcegonine (Cocaine) BSA
Monoclonal anti Fentanyl	Fentanyl BSA
	Ketamine (KET) BSA
Monoclonal anti Methylenedioxymethamphetamine (MDMA)	Methylenedioxymethamphetamine (MDMA) BSA
Monoclonal anti Methamphetamine (METH)	Methamphetamine (METH) BSA
Monoclonal anti Morphine (OPI)	Morphine (OPI) BSA
Monoclonal anti Methadone (MTD)	Methadone (MTD) BSA
Monoclonal anti Oxycodone (OXY)	Oxycodone (OXY) BSA
Monoclonal anti Phencyclidine (PCP)	Phencyclidine (PCP) BSA
	Phencyclidine (PCP) BTG
	AB Pinaca BSA
Monoclonal anti Propoxyphene (PPX)	Propoxyphene (PPX) BSA
Monoclonal anti K2 (Spice)	K2 (Spice) BSA
Monoclonal anti Tricyclic Antidepressant (TCA)	Tricyclic Antidepressant (TCA) BSA
Monoclonal anti Tetrahydrocannabinol (THC)	Tetrahydrocannabinol (THC) BSA

**Infectious Diseases:** We provide bulk quantities of functionally tested infectious disease antibodies for rapid diagnostic assays.

Antibodies		Antigens
Monoclonal anti HBsAg	Monoclonal anti Malaria HRP-II IgG	rHIV gp36
Goat anti HBsAg	Monoclonal anti Malaria HRP-II IgM	rHIV gp41
Monoclonal anti Influenza A	Monoclonal anti Malaria PAN pLDH	
Monoclonal anti Influenza B	Monoclonal anti Malaria P. falciparum pLDH	
	Monoclonal anti Malaria P. vivax pLDH	

**Fertility:** We provide bulk quantities of functionally tested infectious disease antibodies for rapid diagnostic assays. We offer a wide variety of monoclonal and polyclonal antibodies that are functionally tested for use in lateral flow assays.

Antibodies	
Monoclonal anti Alpha hCG	Monoclonal anti Beta LH
Monoclonal anti Alpha LH	Monoclonal anti Beta FSH
Monoclonal anti Alpha, subunit	Monoclonal anti Beta hCG
Monoclonal anti Alpha FSH	Goat anti Alpha hCG

**Other:** We also provide a variety of antibodies, antigens and purified IgG/IgYs.

Polyclonal Antibodies	Monoclonal Antibodies	Purified IgG/IgYs	Antigens
Chicken anti Protein A	Human Hemoglobin mAb	Chicken IgY	Biotin BSA
Donkey anti Goat IgG	Prostate Specific Antigen mAb	Goat IgG	rProtein A
Goat anti Chicken IgY	C-Reactive Protein mAb	Human IgG	rProtein G
Goat anti Mouse IgG	Troponin I (cTNI) mAb	Mouse IgG	Streptavidin
Goat and Rabbit IgG	Alpha-Fetoprotein mAb	Rabbit IgG	
Rabbit anti Streptococcus A	Human IgG (Fc) mAb		

## Custom Services

In addition to our reagents, we offer a range of custom services to help customers with their assay development needs. This includes:

Custom Monoclonal & Polyclonal Antibody Production	Custom Purifications
Feasibility Studies	Custom Antigen Conjugation
Custom Gold Conjugations	Consultation Services

To learn more about our full portfolio of rapid diagnostics reagents visit [fortislife.com/products/ifa-antibodies-antigens](https://fortislife.com/products/ifa-antibodies-antigens)