

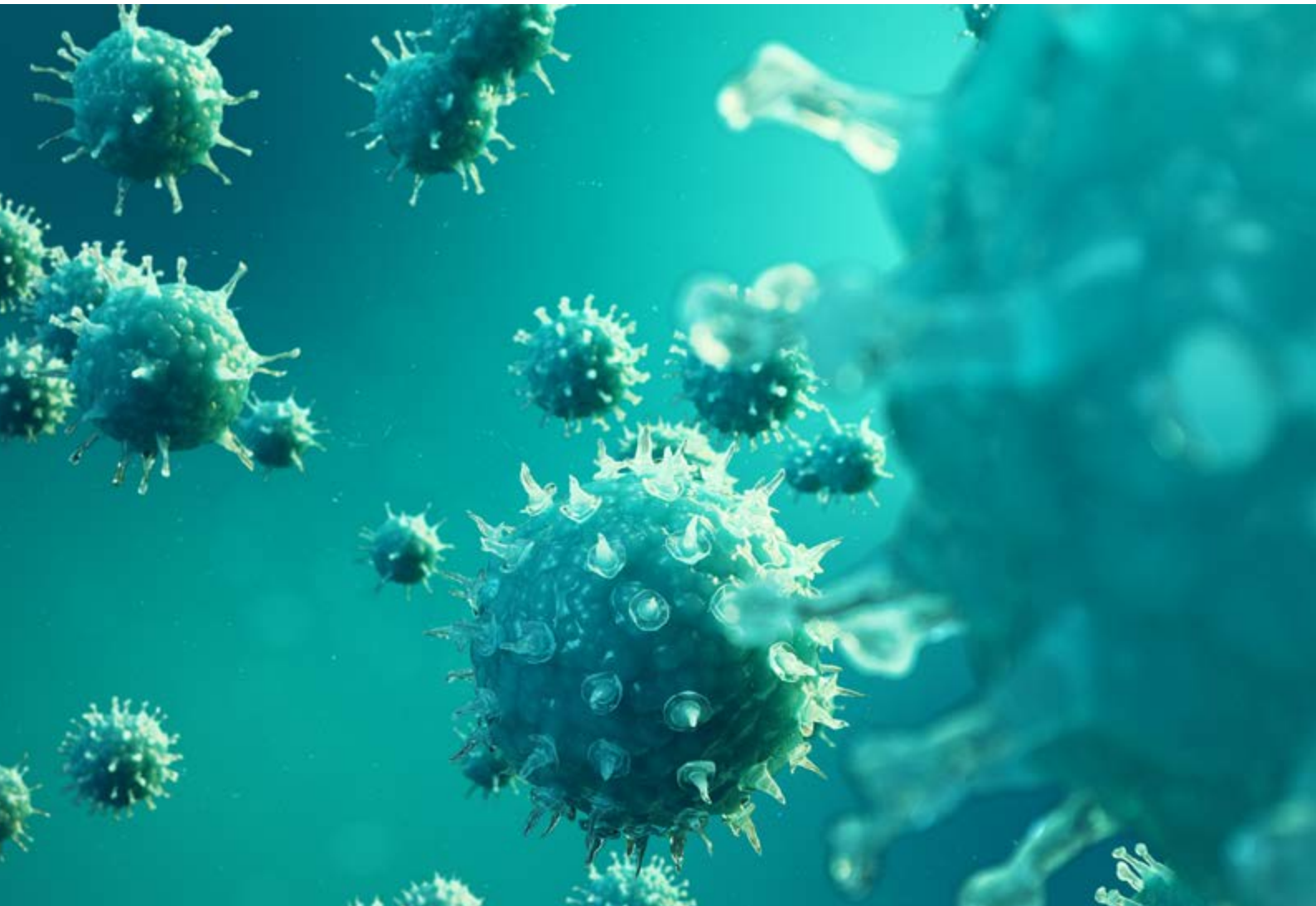


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Product List

Immunoassays, Receptors, Antigens, Antibodies and Sera

August 2019



The Native Antigen Company is a leading supplier of native and recombinant viral and bacterial antigens, antibodies and immunoassays. Our infectious disease reagents are widely adopted by pharmaceutical, in vitro diagnostics and vaccine manufacturers, as well as leading academic groups in cutting-edge research, where correct folding and glycosylation of proteins is vital. We also offer our expertise on a contract basis to other sectors where highly purified proteins are required.

Immunoassays

The Native Antigen Company's immunoassays for Zika virus are the most specific and sensitive assays available on the market. We have assays to detect the serological response to infection and to measure levels of Zika NS1 protein during infection. Further immunoassays are in development, so please check with a member of our team if you have any enquiries.

Immunoassay	Format	Size
Borrelia burgdorferi IgG ELISA	ELISA	96-Well
Borrelia burgdorferi IgM ELISA	ELISA	96-Well
Chikungunya Virus IgG ELISA	ELISA	96-Well
Chikungunya Virus IgM ELISA	ELISA	96-Well
Dengue Virus IgG ELISA	ELISA	96-Well
Dengue Virus IgM ELISA	ELISA	96-Well
Dengue Virus IgM μ -capture ELISA	ELISA	96-Well
Hantavirus IgG ELISA	ELISA	96-Well
Hantavirus IgM ELISA	ELISA	96-Well
Measles Virus IgG ELISA	ELISA	96-Well
Measles Virus IgG Avidity ELISA	ELISA	96-Well
Rubella Virus IgG ELISA	ELISA	96-Well
Rubella Virus IgG Avidity ELISA	ELISA	96-Well
Rubella Virus IgM ELISA	ELISA	96-Well
Tick-Borne Encephalitis Virus IgG ELISA	ELISA	96-Well
Tick-Borne Encephalitis IgM ELISA	ELISA	96-Well
Zika Virus IgG/M/A ELISA	ELISA	96-Well
Zika Virus IgM ELISA	ELISA	96-Well
Zika Virus NS1 Capture ELISA	ELISA	96-Well

Virus Receptors

The Native Antigen Company is developing a range of virus receptors for use in studying the interaction of viruses with their target cells. These reagents may be used in the development vitro assays for investigating potential methods to block virus-to-cell binding.

Receptor	Source	Purity	Presentation
AXL (Human)	Human Cell Recombinant	>95%	Liquid
CLEC4M (Human)	Human Cell Recombinant	>95%	Liquid
DAG (Human)	Human Cell Recombinant	>95%	Liquid
DC-Sign (Human)	Human Cell Recombinant	>95%	Liquid
Ephrin B2 (Human)	Human Cell Recombinant	>95%	Liquid
Integrin Alpha-5 Beta-3 (Human)	Human Cell Recombinant	>90%	Liquid
MOG (Human)	Human Cell Recombinant	>90%	Liquid
MXRA8 Protein (Human)	Human Cell Recombinant	>90%	Liquid
Neuropilin 2 (Human)	Human Cell Recombinant	>95%	Liquid

Antigens

The Native Antigen Company produces both native and recombinant antigens from a range of established and emerging viral, bacterial and protozoal diseases using our proprietary mammalian expression system. Our antigens are suitable for use in vaccine R&D, as components for serological based diagnostic assays and for fundamental research into infectious disease. Our team has a wealth of experience in providing bulk and customised formats to the life sciences industry and can run.

Antigen	Source	Purity	Presentation
Adenovirus Type 3, Wild-Type Particles	Native	99%	Liquid
Adenovirus Type 5, Wild-Type Particles	Native	99%	Liquid
Adenovirus Type 11, Wild-Type Particles	Native	Cell lysate	Liquid
Adenovirus Type 40, Wild-Type Particles	Native	95%	Liquid
Adenovirus Type 40 Hexon Protein	Native	95%	Liquid
Astrovirus Type 1 Antigen	Native	Cell lysate	Liquid
Bordetella pertussis Filamentous Hemagglutinin (FHA)	Native	98%	Lyophilised
Bordetella pertussis Toxin (50% glycerol)	Native	98%	Liquid
Bordetella pertussis Toxin (liquid)	Native	98%	Liquid
Bordetella pertussis Toxin (lyophilised)	Native	98%	Lyophilised
Borrelia burgdorferi C(p)	E. coli Recombinant	>90%	Liquid
Borrelia burgdorferi C(t)	E. coli Recombinant	>90%	Liquid
Borrelia burgdorferi CRASP-1	E. coli Recombinant	>90%	Liquid
Borrelia burgdorferi CRASP-2	E. coli Recombinant	>90%	Liquid

Antigen	Source	Purity	Presentation
Borrelia burgdorferi DbpA	E. coli Recombinant	>90%	Liquid
Borrelia burgdorferi DbpB	E. coli Recombinant	>90%	Liquid
Borrelia burgdorferi ErpD/Arp37	E. coli Recombinant	>90%	Liquid
Borrelia burgdorferi ErpN/OspE	E. coli Recombinant	>90%	Liquid
Borrelia burgdorferi Flagellin	E. coli Recombinant	>90%	Liquid
Borrelia burgdorferi OspA	E. coli Recombinant	>90%	Liquid
Borrelia burgdorferi OspB	E. coli Recombinant	>90%	Liquid
Borrelia burgdorferi OspC	E. coli Recombinant	>90%	Liquid
Borrelia burgdorferi P35	E. coli Recombinant	>90%	Liquid
Borrelia burgdorferi P39	E. coli Recombinant	>90%	Liquid
Borrelia burgdorferi Surface Lipoprotein P27	E. coli Recombinant	>90%	Liquid
Borrelia burgdorferi VlsE	E. coli Recombinant	>90%	Liquid
CCHF Virus Gc Protein	Human Cell Recombinant	>90%	Liquid
CCHF Virus Gn Protein	Human Cell Recombinant	>90%	Liquid
CCHF Virus Nucleoprotein	Human Cell Recombinant	>95%	Liquid
Chikungunya Virus E1 Envelope Protein	Human Cell Recombinant	95%	Liquid
Chikungunya Virus E2 Envelope Protein	Human Cell Recombinant	95%	Liquid
Chikungunya Virus Lysate	Native	Cell lysate	Liquid
Chikungunya Virus VLP	Human Cell Recombinant	>90%	Liquid
Chlamydia trachomatis Antigen	Native	Cell lysate	Liquid
Cholera Toxin Subunit B	Human Cell Recombinant	90%	Lyophilised
Clostridium difficile Toxin A	Native	98%	Lyophilised
Clostridium difficile Toxin A (Ribotype 027)	Native	>95%	Lyophilised
Clostridium difficile Toxin A (Ribotype 078)	Native	>90%	Lyophilised
Clostridium difficile Toxin B	Native	98%	Lyophilised
Clostridium difficile Toxin B (Ribotype 027)	Native	>95%	Lyophilised
Clostridium difficile Toxin B (Ribotype 078)	Native	>95%	Lyophilised
Clostridium difficile Toxoid A	Native	98%	Lyophilised
Clostridium difficile Toxoid B	Native	98%	Lyophilised
CMV (High Purity) Antigen	Native	95%	Liquid
CMV Cell Lysate Antigen	Native	Cell lysate	Liquid
CMV gB (Towne)	Human Cell Recombinant	>85%	Lyophilised
CMV gB (BE/14/2011)	Human Cell Recombinant	>95%	Liquid
CMV gH Pentamer Complex	Human Cell Recombinant	>95%	Liquid
Dengue Virus NS1 4-Serotype Pack	Human Cell Recombinant	>95%	Liquid
Dengue Virus VLP 4-Serotype Pack	Human Cell Recombinant	>95%	Liquid

Antigen	Source	Purity	Presentation
Dengue Virus Serotype 1 Envelope Protein	Insect Cell Recombinant	>95%	Liquid
Dengue Virus Serotype 1 Envelope Protein	Human Cell Recombinant	>90%	Liquid
Dengue Virus Serotype 1 Lysate	Native	Cell Lysate	Liquid
Dengue Virus Serotype 1 NS1 Protein	Human Cell Recombinant	>95%	Liquid
Dengue Virus Serotype 1 VLP	Human Cell Recombinant		Liquid
Dengue Virus Serotype 2 Envelope Protein	Insect Cell Recombinant	>95%	Liquid
Dengue Virus Serotype 2 Envelope Protein	Human Cell Recombinant	>95%	Liquid
Dengue Virus Serotype 2 Lysate	Native	Cell Lysate	Liquid
Dengue Virus Serotype 2 NS1	Human Cell Recombinant	>95%	Liquid
Dengue Virus Serotype 2 VLP	Human Cell Recombinant	>95%	Liquid
Dengue Virus Serotype 3 Envelope Protein	Human Cell Recombinant	>95%	Liquid
Dengue Virus Serotype 3 Envelope Protein	Insect Cell Recombinant	>95%	Liquid
Dengue Virus Serotype 3 Lysate	Native	Cell Lysate	Liquid
Dengue Virus Serotype 3 NS1	Human Cell Recombinant	>95%	Liquid
Dengue Virus Serotype 3 VLP	Human Cell Recombinant	>95%	Liquid
Dengue Virus Serotype 4 Envelope Protein	Human Cell Recombinant	>95%	Liquid
Dengue Virus Serotype 4 Envelope Protein	Insect Cell Recombinant	>95%	Liquid
Dengue Virus Serotype 4 Lysate	Native	Cell Lysate	Liquid
Dengue Virus Serotype 4 NS1	Human Cell Recombinant	>95%	Liquid
Dengue Virus Serotype 4 VLP	Human Cell Recombinant	>95%	Liquid
Diphtheria Toxin	Native	>98%	Lyophilised
Ebola Virus GP (Zaire)	Human Cell Recombinant	>85%	Lyophilised
Ebola Virus GP1 (Bundibugyo)	Human Cell Recombinant	>95%	Lyophilised
Ebola Virus GP1 (Zaire)	Human Cell Recombinant	>95%	Lyophilised
Ebola Virus sGP (Bundibugyo)	Human Cell Recombinant	>95%	Lyophilised
Ebola VLP	Human Cell Recombinant	>80%	Liquid
EBV GP125 Protein	Human Cell Recombinant	>80%	Liquid
Flavivirus NS1 Protein Pack	Human Cell Recombinant	>95%	Liquid
HBV Core Protein	Human Cell Recombinant	>95%	Liquid
HBV Envelope Protein	Human Cell Recombinant	>95%	Liquid
HCV Core Protein	E. coli Recombinant	>90%	Frozen
HEV Capsid Protein (ORF2)	Human Cell Recombinant	>95%	Liquid
HIV Gag Protein (HIV-1/Clade B (IIB))	E. coli Recombinant	>90%	Liquid
HIV GP120 Protein (HIV-1/Clade B (89BZ_167))	Human Cell Recombinant	>95%	Liquid
HIV GP120 Protein (HIV-1/Clade AE (CM240))	Human Cell Recombinant	>95%	Liquid
HIV GP120 Protein (HIV-1/Clade E (CM244))	Human Cell Recombinant	>95%	Lyophilised

Antigen	Source	Purity	Presentation
HIV GP120 Protein (HIV-1/Clade BC (CN54))	Human Cell Recombinant	>95%	Lyophilised
HIV GP120 Protein (HIV-1/Clade C (16055))	Human Cell Recombinant	>95%	Liquid
HIV GP120 Protein (HIV-1/Clade A (KNH1144))	Human Cell Recombinant	>95%	Liquid
HIV GP120 Protein (HIV-1/Clade A (KNH1144))	Human Cell Recombinant	>95%	Liquid
HIV GP41 Protein (HIV-1/Clade B (IIIB))	E. coli Recombinant	>95%	Liquid
HIV GP41 Protein (HIV-1/Clade B)	E. coli Recombinant	>95%	Liquid
HIV GP41 Protein (HIV-1/Group O)	E. coli Recombinant	>95%	Liquid
HIV Integrase Protein (HIV-1/Clade B (IIIB))	E. coli Recombinant	>90%	Liquid
HIV Nef Protein (HIV-1/Clade B (IIIB))	E. coli Recombinant	>90%	Liquid
HIV P24 Protein (HIV-1/Clade C)	E. coli Recombinant	>95%	Liquid
HIV Reverse Transcriptase (HIV-1/Clade B (IIIB))	E. coli Recombinant	>90%	Liquid
HIV Tat Protein (HIV-1/Clade A (UGMED5))	E. coli Recombinant	>90%	Lyophilised
HIV Tat Protein (HIV-1/Clade B (BH10))	E. coli Recombinant	>90%	Lyophilised
HIV Tat Protein (HIV-1/Clade C (TV019))	E. coli Recombinant	>90%	Lyophilised
HIV Tat Protein (HIV-1/Clade D (UG28R))	E. coli Recombinant	>90%	Lyophilised
HSV gG2 Protein	Native	≥80%	Liquid
HSV-1 Antigen (High Purity)	Native	80%	Liquid
HSV-1 Lysate Antigen	Native	Cell Lysate	Liquid
HSV-2 Antigen (High Purity)	Native	80%	Liquid
HSV-2 Lysate Antigen	Native	Cell Lysate	Liquid
Influenza A Virus HA (H1N1)	Human Cell Recombinant	>95%	Liquid
Influenza A Virus HA (H5N1)	Human Cell Recombinant	>95%	Lyophilised
Influenza A Virus HA (H7N9)	Human Cell Recombinant	>95%	Lyophilised
Influenza A Virus HA (H9N2)	Human Cell Recombinant	>95%	Lyophilised
Influenza A Virus HA1 (H7N9)	Human Cell Recombinant	>95%	Lyophilised
Influenza A Virus HA1 (H9N2)	Human Cell Recombinant	>95%	Lyophilised
Influenza A Virus NA (H5N1)	Human Cell Recombinant	>90%	Lyophilised
Japanese Encephalitis Virus Envelope Protein	Human Cell Recombinant	>95%	Liquid
Japanese Encephalitis Virus NS1	Human Cell Recombinant	>95%	Liquid
Japanese Encephalitis Virus VLP	Human Cell Recombinant	>90%	Liquid
Lassa Fever Virus GP1	Human Cell Recombinant	>95%	Liquid
Lassa Fever Virus GP2	Human Cell Recombinant	>95%	Liquid
Mayaro Virus E2 Protein	Human Cell Recombinant	>90%	Liquid
Mayaro Virus Lysate (TRVL15537 strain)	Native	Cell Lysate	Liquid
Mayaro Virus Lysate (TRVL4675 strain)	Native	Cell Lysate	Liquid
Mayaro Virus VLP	Human Cell Recombinant	>90%	Liquid

Antigen	Source	Purity	Presentation
Measles Virus Antigen	Native	N/A	Liquid
Measles Virus Lysate	Native	N/A	Liquid
MERS-CoV Spike Protein	Human Cell Recombinant	85%	Liquid
Mumps Virus Lysate	Native	Cell Lysate	Liquid
Mycoplasma pneumoniae Antigen	Native	95%	Liquid
Neisseria gonorrhoeae Antigen	Native	Cell Lysate	Liquid
Nipah Virus Glycoprotein F	Human Cell Recombinant	>90%	Liquid
Nipah Virus Glycoprotein G	Human Cell Recombinant	>90%	Liquid
Norovirus GII. 4 VP1 VLP	Human Cell Recombinant	>95%	Liquid
O'nyong'nyong Virus VLP	Human Cell Recombinant	>90%	Liquid
Oropouche Virus Gc Protein	Human Cell Recombinant	>70%	Liquid
Oropouche Virus Gn Protein	Human Cell Recombinant	>90%	Liquid
Oropouche Virus Nucleoprotein	E. coli Recombinant	>95%	Liquid
Parvovirus VP2 Protein	Human Cell Recombinant	>95%	Liquid
Powassan Virus NS1	Human Cell Recombinant	>95%	Liquid
Puumala Virus GP1	Human Cell Recombinant	>90%	Liquid
Puumala Virus GP2	Human Cell Recombinant	>90%	Liquid
Recombinant Human IgE (Kappa L)	Human Cell Recombinant	N/A	Liquid
RSV A gG Protein	Human Cell Recombinant	>95%	Liquid
RSV A gG Protein	Human Cell Recombinant	>90%	Lyophilised
Rift Valley Fever Virus Nucleoprotein	Human Cell Recombinant	>95%	Liquid
Ross River Virus VLP	Human Cell Recombinant	>85%	Liquid
Rubella Virus Capsid Nucleoprotein	Human Cell Recombinant	>95%	Liquid
Rubella Virus Lysate	Native	Cell Lysate	Liquid
Rubella Virus Spike Glycoprotein E1	Human Cell Recombinant	>95%	Liquid
Rubella Virus VLP	Human Cell Recombinant	>95%	Liquid
SFTS Virus Nucleoprotein	Human Cell Recombinant	>95%	Liquid
St. Louis Encephalitis Virus NS1	Human Cell Recombinant	>95%	Liquid
St. Louis Encephalitis Virus Lysate	Native	Cell Lysate	Liquid
Tick-Borne Encephalitis Virus Envelope Protein	Human Cell Recombinant	>90%	Liquid
Tick-Borne Encephalitis Virus NS1	Human Cell Recombinant	>90%	Liquid
Toscana Virus G2 Protein	Human Cell Recombinant	>90%	Liquid
Trichomonas vaginalis Antigen	Native	Whole Cell	Liquid
Usutu Virus NS1	Human Cell Recombinant	>95%	Liquid
Vaccinia B18R (WR)	Human Cell Recombinant	>95%	Lyophilised
Vibrio cholerae CTXB	Human Cell Recombinant	>90%	Lyophilised

Antigen	Source	Purity	Presentation
Wesselsbron Virus NS1 protein	Human Cell Recombinant	>90%	Liquid
West Nile Virus Envelope Protein	Human Cell Recombinant	>95%	Liquid
West Nile Virus 2 lysate (1986 strain)	Native	Cell Lysate	Liquid
West Nile Virus 2 lysate (B-956 Uganda strain)	Native	Cell Lysate	Liquid
West Nile virus lysate (NY 2001-6263 strain)	Native	Cell Lysate	Liquid
West Nile Virus NS1	Human Cell Recombinant	>95%	Liquid
Yellow Fever Virus Envelope Protein	Human Cell Recombinant	>90%	Liquid
Yellow Fever Virus Lysate (Asibi strain)	Native	Cell Lysate	Liquid
Yellow Fever Virus Lysate (17D strain)	Native	Cell Lysate	Liquid
Yellow Fever Virus NS1	Human Cell Recombinant	>95%	Liquid
Zika Virus Envelope Protein	Human Cell Recombinant	>95%	Liquid
Zika Virus Infected Vero Cell Lysate	Native	Cell Lysate	Liquid
Zika Virus Lysate	Native	Cell Lysate	Liquid
Zika Virus Lysate (DakArD 41662 strain)	Native	Cell Lysate	Liquid
Zika Virus Lysate (MR766 strain)	Native	Cell Lysate	Liquid
Zika Virus Lysate (PRVABC59 strain)	Native	Cell Lysate	Liquid
Zika Virus NS1 (Duo Pack)	Human Cell Recombinant	>85%	Liquid
Zika Virus NS1 (Suriname Strain)	Human Cell Recombinant	>85%	Liquid
Zika Virus NS1 (Uganda Strain)	Human Cell Recombinant	>85%	Liquid
Zika Virus VLP	Human Cell Recombinant	>95%	Liquid

Antibodies

We are developing the world's most extensive range of antibodies for infectious disease targets. Our portfolio includes a unique panel of highly specific antibodies for flavivirus NS1 proteins, such as serotype-specific reagents for Dengue and human chimeric antibodies to Zika NS1.

Antibody Specificity	Host	Purity	Presentation
Adenovirus Hexon Protein	Mouse Monoclonal	>95%	Liquid
Astrovirus	Mouse Monoclonal	>95%	Liquid
Borrelia burgdorferi CRASP-1	Rabbit Polyclonal	>95%	Liquid
Borrelia burgdorferi CRASP-2	Rabbit Polyclonal	>95%	Liquid
Borrelia burgdorferi DbpA	Rabbit Polyclonal	>95%	Liquid
Borrelia burgdorferi DbpB	Rabbit Polyclonal	>95%	Liquid
Borrelia burgdorferi Erpd/Arp37	Rabbit Polyclonal	>95%	Liquid
Borrelia burgdorferi ErpN/OspE	Rabbit Polyclonal	>95%	Liquid
Borrelia burgdorferi Flagellin	Rabbit Polyclonal	>95%	Liquid
Borrelia burgdorferi garinii	Mouse Monoclonal	>95%	Liquid
Borrelia burgdorferi OspA	Rabbit Polyclonal	>95%	Liquid
Borrelia burgdorferi OspB	Rabbit Polyclonal	>95%	Liquid
Borrelia burgdorferi OspC	Rabbit Polyclonal	>95%	Liquid
Borrelia burgdorferi P35	Rabbit Polyclonal	>95%	Liquid
Borrelia burgdorferi P39	Rabbit Polyclonal	>95%	Liquid
Borrelia burgdorferi Surface Lipoprotein P27	Rabbit Polyclonal	>95%	Liquid
Borrelia burgdorferi VlsE	Rabbit Polyclonal	>95%	Liquid
Borrelia burgdorferi Whole Cell Lysate	Rabbit Polyclonal	>95%	Liquid
Campylobacter jejuni	Mouse Monoclonal	>95%	Liquid
Chikungunya Virus	Sheep Polyclonal	>90%	Liquid
Chikungunya Virus Capsid Protein	Mouse Monoclonal	>95%	Liquid
Chikungunya Virus E2 Protein	Mouse Monoclonal	>95%	Liquid
Chikungunya Virus VLP	Mouse Monoclonal	>95%	Liquid
Chlamydia LPS	Mouse Monoclonal	>95%	Liquid
Chlamydia MOMP	Mouse Monoclonal	>95%	Liquid
Cholera Toxin Beta Subunit	Mouse Monoclonal	>95%	Liquid
Clostridium difficile GDH	Mouse Monoclonal	>95%	Liquid
Clostridium difficile Toxin A	Mouse Monoclonal	>95%	Liquid
Clostridium difficile Toxin B	Mouse Monoclonal	>95%	Liquid
CMV Glycoprotein B	Mouse Monoclonal	>95%	Liquid
CMV Glycoprotein H	Mouse Monoclonal	>90%	Liquid

Antibody Specificity	Host	Purity	Presentation
CMV ICP36 Antigen	Mouse Monoclonal	>90%	Liquid
CMV Pentamer Protein	Sheep Polyclonal	>90%	Liquid
CMV Phosphoprotein 28	Mouse Monoclonal	>90%	Liquid
CMV Phosphoprotein 65	Mouse Monoclonal	>90%	Liquid
CCHF Virus Gn Protein	Mouse Monoclonal	>95%	Liquid
CCHV Virus Nucleoprotein	Mouse Monoclonal	>95%	Liquid
Dengue Virus Envelope Protein (Pan-Serotype)	Mouse Monoclonal	>95%	Liquid
Dengue Virus NS1 (Pan-Serotype)	Mouse Monoclonal	>95%	Liquid
Dengue Virus prM Protein (Serotypes 1-4)	Mouse Monoclonal	>95%	Liquid
Dengue Virus Serotype 2	Mouse Monoclonal	>95%	Liquid
Dengue Virus NS1 (Serotype 1)	Human Monoclonal	>95%	Liquid
Dengue Virus NS1 (Serotype 1)	Mouse Monoclonal	>95%	Liquid
Dengue Virus NS1 (Serotype 2)	Mouse Monoclonal	>95%	Liquid
Dengue Virus NS1 (Serotype 3)	Mouse Monoclonal	>95%	Liquid
Dengue Virus NS1 (Serotype 4)	Mouse Monoclonal	>95%	Liquid
Diphtheria Toxin	Mouse Monoclonal	>90%	Liquid
Diphtheria Toxin A	Mouse Monoclonal	>90%	Liquid
Ebola Virus	Sheep Polyclonal	>90%	Liquid
Ebola Virus Nucleoprotein	Mouse Monoclonal	>90%	Liquid
Ebola Virus VP40	Mouse Monoclonal	>90%	Liquid
Enterovirus (Strain 70)	Mouse Monoclonal	>90%	Liquid
Enterovirus VP1 (Strain 71)	Mouse Monoclonal	>90%	Liquid
Enterovirus VP3 (Pan-Strain)	Mouse Monoclonal	>90%	Liquid
Escherichia coli O157	Mouse Monoclonal	>95%	Liquid
Flavivirus Envelope Protein	Human Monoclonal	>95%	Liquid
Flavivirus Envelope Protein	Mouse Monoclonal	>95%	Liquid
Flavivirus NS1	Mouse Monoclonal	>95%	Liquid
Giardia lamblia Trophozoite	Mouse Monoclonal	>95%	Liquid
Hantavirus Nucleocapsid Protein	Mouse Monoclonal	>90%	Liquid
Hepatitis A Virus	Mouse Monoclonal	>90%	Liquid
Hepatitis A Virus VP3	Mouse Monoclonal	>90%	Liquid
Hepatitis B Virus Core Protein	Mouse Monoclonal	>90%	Liquid
Hepatitis B Virus E Antigen	Mouse Monoclonal	>90%	Liquid
Hepatitis B Virus Pre-S Region	Mouse Monoclonal	>90%	Liquid
Hepatitis B Virus Surface Antigen	Mouse Monoclonal	>90%	Liquid
Hepatitis B Virus X Protein	Mouse Monoclonal	>90%	Liquid

Antibody Specificity	Host	Purity	Presentation
Hepatitis C Virus Core Protein	Mouse Monoclonal	>90%	Liquid
Hepatitis C Virus Core Protein (29-39aa)	Mouse Monoclonal	>90%	Liquid
Hepatitis C Virus Core Protein (33-38aa)	Mouse Monoclonal	>90%	Liquid
Hepatitis C Virus E1	Mouse Monoclonal	>90%	Liquid
Hepatitis C Virus E2	Mouse Monoclonal	>90%	Liquid
Hepatitis C Virus NS3	Mouse Monoclonal	>90%	Liquid
Hepatitis C Virus NS3 (1252-1477aa)	Mouse Monoclonal	>90%	Liquid
Hepatitis C Virus NS3 Helicase	Mouse Monoclonal	>90%	Liquid
Hepatitis C Virus NS4A (1700-1710aa)	Mouse Monoclonal	>90%	Liquid
Hepatitis C Virus NS4B (1689-1735aa)	Mouse Monoclonal	>90%	Liquid
Hepatitis C Virus NS4B (1710-1730aa)	Mouse Monoclonal	>90%	Liquid
Hepatitis C Virus NS4A/B (1658-1863aa)	Mouse Monoclonal	>90%	Liquid
Hepatitis C Virus NS5A	Mouse Monoclonal	>90%	Liquid
Hepatitis C Virus NS5B	Mouse Monoclonal	>90%	Liquid
Herpes Simplex Virus Glycoprotein D	Mouse Monoclonal	>95%	Liquid
Herpes Simplex Virus 2 Glycoprotein D	Mouse Monoclonal	>95%	Liquid
Herpes Simplex Virus Type 2	Mouse Monoclonal	>95%	Liquid
HIV-1 gp41	Mouse Monoclonal	>95%	Liquid
HIV-1 gp120	Mouse Monoclonal	>95%	Liquid
HIV-1 Integrase	Mouse Monoclonal	N/A	Liquid
HIV-1 p17	Mouse Monoclonal	>95%	Liquid
HIV-1 p24	Mouse Monoclonal	>95%	Liquid
HIV-1 Tat	Rabbit Polyclonal	N/A	Liquid
Human Papilloma Virus L1	Mouse Monoclonal	>95%	Liquid
Human Papilloma Virus Type 11	Mouse Monoclonal	>95%	Liquid
Human Papilloma Virus Type 16	Mouse Monoclonal	>95%	Liquid
Human Papilloma Virus Type 18	Mouse Monoclonal	>95%	Liquid
IgG (Human, purified IgG)	Goat Polyclonal	>95%	Liquid
IgG (Human, purified IgG:FITC)	Goat Polyclonal	>95%	Liquid
IgG (Human, purified IgG:Alk Phos)	Goat Polyclonal	>95%	Liquid
IgG (Human, purified IgG:HRP)	Goat Polyclonal	>95%	Liquid
IgG (Mouse, purified IgG)	Goat Polyclonal	>95%	Liquid
IgG (Mouse, purified IgG:FITC)	Goat Polyclonal	>95%	Liquid
IgG (Mouse, purified IgG:Alk Phos)	Goat Polyclonal	>95%	Liquid
IgG (Mouse, purified IgG:HRP)	Goat Polyclonal	>95%	Liquid
IgG (Rabbit, purified IgG)	Goat Polyclonal	>95%	Liquid

Antibody Specificity	Host	Purity	Presentation
IgG Fc (Mouse, purified IgG)	Goat Polyclonal	>95%	Liquid
IgG Fc (Mouse, purified IgG:FITC)	Goat Polyclonal	>95%	Liquid
IgG Fc (Mouse, purified IgG:Alk Phos)	Goat Polyclonal	>95%	Liquid
IgG Fc (Mouse, purified IgG:HRP)	Goat Polyclonal	>95%	Liquid
IgG Fc (Human, purified IgG)	Goat Polyclonal	>95%	Liquid
IgG Fc (Human, purified IgG:FITC)	Goat Polyclonal	>95%	Liquid
IgG Fc (Human, purified IgG:Alk Phos)	Goat Polyclonal	>95%	Liquid
IgG Fc (Human, purified IgG:HRP)	Goat Polyclonal	>95%	Liquid
IgG Mouse-Adsorbed (Human, purified IgG:Alk Phos)	Goat Polyclonal	>95%	Liquid
IgG Mouse-Adsorbed (Human, purified IgG:HRP)	Goat Polyclonal	>95%	Liquid
IgG (H+L) (Sheep, purified IgG)	Rabbit Polyclonal	>95%	Liquid
IgG (H+L) (Sheep, purified IgG:FITC)	Rabbit Polyclonal	>95%	Liquid
IgG (H+L) (Sheep, purified IgG:Alk Phos)	Rabbit Polyclonal	>95%	Liquid
IgG (H+L) (Sheep, purified IgG:HRP)	Rabbit Polyclonal	>95%	Liquid
IgG1 Isotype Control (Mouse)	Mouse Monoclonal	>95%	Liquid
IgG2a Isotype Control (Mouse)	Mouse Monoclonal	>95%	Liquid
IgG2b Isotype Control (Mouse)	Mouse Monoclonal	>95%	Liquid
IgM (Human)	Goat Polyclonal	>95%	Liquid
IgM (Human)	Goat Polyclonal	>95%	Liquid
IgM (Human)	Goat Polyclonal	>95%	Liquid
IgM (Human)	Goat Polyclonal	>95%	Liquid
Influenza A	Mouse Monoclonal	>95%	Liquid
Influenza B	Mouse Monoclonal	>95%	Liquid
Japanese Encephalitis Virus NS1	Mouse Monoclonal	>95%	Liquid
Legionella pneumophila	Mouse Monoclonal	>95%	Liquid
Listeria monocytogenes	Mouse Monoclonal	>95%	Liquid
Mayaro Virus E1	Mouse Monoclonal	>95%	Liquid
Measles Virus	Mouse Monoclonal	N/A	Liquid
Metapneumovirus (Human)	Mouse Monoclonal	>95%	Liquid
Mycoplasma pneumoniae P1	Mouse Monoclonal	>95%	Liquid
Nipah virus Glycoprotein F	Mouse Monoclonal	>95%	Liquid
Nipah virus Glycoprotein G	Mouse Monoclonal	>95%	Liquid
Norovirus GI	Mouse Monoclonal	>95%	Liquid
Norovirus GII	Mouse Monoclonal	>95%	Liquid
Plasmodium falciparum HRP-2	Mouse Monoclonal	>95%	Liquid
Plasmodium (Pan-Strain)	Mouse Monoclonal	>95%	Liquid

Antibody Specificity	Host	Purity	Presentation
Powassan Virus NS1	Mouse Monoclonal	>95%	Liquid
Respiratory Syncytial Virus	Mouse Monoclonal	>95%	Liquid
Rift Valley Fever Virus Nucleoprotein	Mouse Monoclonal	>95%	Liquid
Rotavirus	Mouse Monoclonal	>95%	Liquid
Rubella Virus Glycoprotein E1	Mouse Monoclonal	>90%	Liquid
Rubella Virus Glycoprotein E2	Mouse Monoclonal	>90%	Liquid
SARS Coronavirus Nucleoprotein	Mouse Monoclonal	>90%	Liquid
Salmonella Paratyphi	Mouse Monoclonal	>95%	Liquid
Salmonella Typhi	Mouse Monoclonal	>95%	Liquid
Staphylococcus aureus enterotoxin A	Mouse Monoclonal	>95%	Liquid
Staphylococcus aureus enterotoxin B	Mouse Monoclonal	>95%	Liquid
Staphylococcus aureus enterotoxin G	Mouse Monoclonal	>95%	Liquid
Staphylococcus aureus enterotoxin I	Mouse Monoclonal	>95%	Liquid
Streptavidin:Alkaline Phosphatase	N/A	>95%	Liquid
Streptavidin:FITC	N/A	>95%	Liquid
Streptavidin:HRP	N/A	>95%	Liquid
Streptococcus pneumoniae	Mouse Monoclonal	>95%	Liquid
Tetanus Toxin	Mouse Monoclonal	>95%	Liquid
Tick-Borne Encephalitis Virus NS1	Mouse Monoclonal	>95%	Liquid
Toxoplasma gondii SAG-1	Mouse Monoclonal	>95%	Liquid
West Nile Virus Envelope Protein	Rabbit Polyclonal	>95%	Liquid
West Nile Virus NS1	Mouse Monoclonal	>95%	Liquid
Yellow Fever Virus NS1	Mouse Monoclonal	>95%	Liquid
Zika Virus NS1	Mouse Monoclonal	>95%	Liquid
Zika Virus NS1	Human Monoclonal	>95%	Liquid
Zika Virus VLP/Envelope Protein	Mouse Monoclonal	>95%	Liquid

Blood Sera

The Native Antigen Company provides YFV and JEV human donor sera for use as diagnostic immunoassay controls and vaccine R&D.

Serum	Presentation
Yellow Fever Virus Pre-Vaccination Bleed	Liquid
Yellow Fever Virus 2 Week (IgM) Bleed	Liquid
Yellow Fever Virus 6 Week (IgG) Bleed	Liquid
Yellow Fever Virus 6 Month (IgG) Bleed	Liquid
Japanese Encephalitis Virus Pre-Vaccination Bleed	Liquid
Japanese Encephalitis Virus 2 Week (IgM) Bleed	Liquid

Blocking Buffers

The Native Antigen Company provides blocking buffers for Western Blot and ELISA.

Buffer	Presentation
HiGlo Fluorescent Western Blocking Buffer	Liquid
PanBlock ELISA Blocking Buffer	Liquid

Contract and Custom Services

Our team has decades of experience in the field of native antigen and recombinant protein contract research, process development and production. NAC can undertake custom projects to manufacture proteins and antigens, prepare antibodies and develop immunoassays to suit your R&D needs. Our development laboratories are fully staffed by a team of PhD molecular biologists and development scientists who are able to execute projects as short as a few days, through to long-term programmes of a year or more. Our core expertise is in:

Protein Expression

We have developed a proprietary mammalian cell protein production system, based on suspension-adapted HEK 293 cells. With a batch capacity of up to 80L, we are able to perform custom expression projects to produce recombinant proteins with human folding and glycosylation. This system is ideal for complex folded and glycosylated proteins, viral proteins and cancer antigens.

Protein Purification

Our purification suite includes state-of-the-art equipment, and access to a range of chromatographic techniques, including affinity chromatography, size-exclusion chromatography, ion-exchange chromatography and hydrophobic interaction chromatography.

Antibody Generation

To complement our protein expression and immunoassay services, we also offer antibody generation packages. We can prepare monoclonal or polyclonal antibodies for your projects, using the same systems used for our own catalogue reagents. Should you need to conjugate your antibodies, chimerise them or even undertake sub-class switching, we can help.

ELISA Development

We can support you through the development of your ELISA assay from any stage. If you already have an antigen and antibodies available we will be pleased to use these to identify the best matched pairs, and to determine their performance in ELISA.

Lateral Flow Assay Development

Lateral Flow assay development at The Native Antigen Company is undertaken by a specialist team, with experience in working on some of the highest volume lateral flow assays in the world. Developing a lateral flow assay is a complex process, and is not necessarily a simple process of transferring an assay from an existing ELISA. An understanding of antibody selection, along with knowledge of how the assays components can affect your results are all key factors.

For further information, email: contact@thenativeantigencompany.com or visit: www.thenativeantigencompany.com

Visit: www.thenativeantigencompany.com

Email: contact@thenativeantigencompany.com

Telephone: **+44 (0)1865 595230**

The Native Antigen Company specialises in the development and manufacture of both native and recombinant antigens, antibodies and immunoassays for viruses and bacteria. Our antigens are used by leading pharmaceutical companies and IVD manufacturers in cutting-edge vaccine research and serology where proper folding and glycosylation are vital. As well as offering antigens from a rapidly expanding portfolio, we are increasing our range of highly specific antibodies and ELISA immunoassays. Our expertise is also available to customers on a contract basis for those needing custom protein manufacture in our proprietary mammalian cell protein expression system, together with antibody and immunoassay development.