

Assay Catalog



Vaccines Credentials

 Respiratory	• Seasonal and Pandemic Influenza • Hemophilus influenzae B • Respiratory Syncytial virus • Neisseria meningitidis • Streptococcus pneumoniae • Bordetella pertussis • Corynebacterium diphtheriae • Rhinovirus • SARS-CoV-1 • SARS-CoV-2 • MERS • hMPV • PIV
 Enteric	• Escherichia coli • Shigella spp. • Clostridium difficile • Rotavirus • Salmonella typhimurium
 Sexually Transmitted	• Cytomegalovirus • Herpes simplex virus -1/-2 • Hepatitis A, B, C • Epstein Barr Virus • HIV
 Vector/ Zoonotic	• Chikungunya • Zika • Dengue • Ebola • Malaria • West Nile • Tick-borne encephalitis virus • Yellow Fever • Nipah
 Other Infectious Diseases	• Human papilloma virus • Adenovirus • Adeno-associatedvirus (AAV) • Coxsackie virus • Measles • Mumps • Rubella • Varicella Zoster • Tetanus • Staphylococcus aureus • Streptococcus agalactiae (GBS) • Lymphocytic choriomeningitis mammarenavirus (LCMV) • Poliovirus • Vaccinia

SARS-CoV Variants (VOCs/VOIs)

VARIANT	LINEAGE	PSEUDOVIRUS NEUTRALIZATION ASSAY (PNA)	ELISA
D614	NA	X (validated)	X (validated)
RBD	NA	NA	X (validated)
Nucleocapsid	NA	NA	X (validated)
D614G	B.1	X (validated)	X (Ag available)
Alpha	B.1.1.7	X (optimized)	X (Ag available)
Beta	B.1.351	X (validated)	X (Ag available)
Delta	B.1.617.2	X (validated)	X (Ag available)
Delta+	B.1.617.2 + K714N	X (optimized)	X (Ag available)
Epsilon	B.1.429	X (optimized)	X (Ag available)
Eta	B.1.525	X (optimized)	NA
Gamma	P.1	X (optimized)	X (Ag available)
Iota-1 and 2	B.1.526	X (optimized)	X (Ag available)
Kappa	B.1.617.1	X (optimized)	On going
Lambda	C.37	X (optimized)	NA
Mu	B.1.621	X (optimized)	NA
Omicron	BA.1/B.1.1.529.1	X (validated)	X (qualified)
Omicron	BA.2/B.1.1.529.2	X (validated)	On going
Omicron	BA.4/5; B.1.1.529.4/5	X (validated)	On going
Omicron	BA.2.75	X (optimized)	On going
Theta	P.3	X (optimized)	NA
XBB.1	BA.2.10.1	X (optimized)	On going
XBB 1.5	BA.2.10.5	X (optimized)	On going
XBB 1.16	Close related to XBB 1.5	XBB 1.5 validated	On going
XBB 1.9.1	Close related to XBB 1.5	X (optimized)	On going
XBB 1.9.2	Close related to XBB 1.5	X (optimized)	On going
BQ.1	BA.5 derivative	X (optimized)	On going
CH.1.1	Derivative Delta	X (optimized)	On going
Pirola	BA.2.86	On going	On going
SARS-CoV-1	NA	X (optimized)	On going
MERS	NA	X (optimized)	On going

Various pathogens

PATHOGENS	ASSAY TYPE	VALIDATION LEVEL
SARS-CoV-2 Spike (peptides)	14-colors ICS	Qualified
SARS-CoV-2 Spike (peptides)	IFNg ELISPOT	Qualified
SARS-CoV-2 Spike (peptides)	IFNg/IL-5 ELISPOT	Qualified
RSV A2, A-Long, B	μ neutralization	Qualified
Chikungunya virus	μ neutralization	Qualified
Chikungunya virus	ELISA	Qualified
Anti-Pertactin	ELISA	Validated
Anti-Tetanus Toxoid	ELISA	Qualified
Anti-Filamentous Haemagglutinin (FHA)	ELISA	Qualified
Pertussis	SBA	Qualified
Anti-Pertussis	ELISA	Qualified
Anti-Diphtheria Toxoid	ELISA	Qualified
Anti-VZV	ELISA	Qualified
Anti-Rubella	ELISA	Validated
Anti-Measles	ELISA	Validated
Anti-Mumps	ELISA	Validated
Anti-Haemophilus Influenza B (HiB)	ELISA	Validation ongoing
Anti-Hepatitis B (HepB) HBsAg	ELISA	Validation ongoing
Anti-Hepatitis A (HepA)	ELISA	In development
24-plex Pneumococcal Polysaccharide Serotypes	Multiplex	In development
24-plex Pneumococcal Polysaccharide Serotypes	24 WHO ELISAs	Validation ongoing
24-Plex Pneumococcal	Multiplex Opsonophagocytosis Assay (MOPA)	Qualification ongoing