

OUR CERTIFICATIONS

Our certifications

- ✓ ISO 13486:2016 certified
- ✓ ISO 9001: 2015 certified
- ✓ DPIIT (Govt. of India) certified
- ✓ Institutional Biosafety Committee (DBT)
- ✓ MSME Registered
- ✓ Trademark Registered with Trade Mark, Registry, Govt. of India

CONTACT

PHONE:
+91-6353339602

WEBSITE:
Wobblebase.in

EMAIL:
support@wobblebase.in

GRANTS/AWARDS

- ✓ Biotechnology Ignition Grant Award-2013
- ✓ Grand Challenge-TB Control - Bill and Melinda Gates Foundation | USAID | BIRAC, Govt. of India Phase-1 Grant -2015;
- ✓ Grand Challenge-TB Control - Bill and Melinda Gates Foundation | USAID | BIRAC, Govt. of India Phase 2 Grant-2017
- ✓ Grand Challenge Explorations- Bill and Melinda Gates Foundation | USAID | BIRAC, Govt. of India Grant-2017
- ✓ DBS-NUS Social Venture Challenge Asia 2017 Finalist.
- ✓ BIRAC (Dept. of Biotechnology) Pre- Accelerator MedTech Challenge Grant-2021
- ✓ Fastest Growing Indian Company Award (2019) – International Achievers Conference, Bangkok
- ✓ Small Business Innovation Research Initiative (SBIRI) (2013) – Dept. of Science and Tech., Govt. of India.
- ✓ TATA Health Fund (Phase 1 - Biosafety) – 2024

INTRODUCTION

- WobbleBase HBV PCR Kit is, based on real-time PCR technology, for the detection and quantification of human hepatitis B virus (HBV) specific DNA (genotypes A to H) in human EDTA plasma.
- This Kit is intended to be used for viral load monitoring in individuals with HBV infection.
- Our kit utilizes state-of-the-art Taqman probe technology to deliver unparalleled sensitivity and specificity in detecting Hepatitis B virus. Whether in clinical diagnostics or research settings, our kit empowers users with confidence in their results.

KEY FEATURES

- Detection and quantification of hepatitis B virus (HBV) specific DNA
- Detection of genotypes A to H in human EDTA plasma
- Analytical sensitivity reported in IU/ml
- LoD with probability 95 %
- High sensitivity & accuracy
- Available in different pack sizes
- Reliable and cost effective.

SPECIFICATIONS

Technology	Real-Time PCR with hydrolysis probes
Type of Analysis	Qualitative and quantitative
Target Sequence	Specific conservative DNA sequence of S gene
Analytical Specificity	Detection of genotypes A to H in human EDTA plasma, 100 %
Analytical Sensitivity (LoD with probability 95 %)	30 IU/ml using Wobble Base manual extraction Viral DNA Nucleic Acid Kit
Diagnostic Specificity	100.00 % (CI95%: 99.06 % – 100.00 %)

Hepatitis B Virus (HBV) DNA Detection kit [Fluorescent Probe based]

*Your thinking
partner in
science*

Diagnostic Sensitivity	100.00 % (CI95%: 95.90 % – 100.00 %)
Linear Range	30IU - 1 X10 ⁹ IU/ml
Dynamic Range	30IU - 3 X10 ⁹ IU/ml using Wobble Base manual extraction Viral Nucleic Acid Kit
Reporting Units	IU/ml
Controls	Inhibition and extraction control, negative control, positive control
Validated Specimen	Plasma, Serum
Storage	-20 ± 5 °C
Required Detection Channels	FAM, HEX
Instrument	Compatible with a wide range of real-time PCR Devices.

CATALOG NUMBER	PRODUCT INFORMATION	CONTENTS
HBVQ/WBB/25	Hepatitis B Virus (HBV) DNA Detection kit	50 reactions
HBVQ/WBB/100	Hepatitis B Virus (HBV) DNA Detection kit	100 reactions
HBVD/WBB/25	Hepatitis B Virus (HBV) DNA Detection kit	50 reactions
HBVD/WBB/100	Hepatitis B Virus (HBV) DNA Detection kit	100 reactions