



Nigerian Institute of Medical Research

Research for National Health



**THE NIGERIAN INSTITUTE OF MEDICAL RESEARCH
CENTRAL RESEARCH LABORATORY
HEPATITIS B OR C SEQUENCING COST
USING THE DNBSEQ G-50 SEQUENCING PLATFORM (01-07-2021)**

S/N	Description of Lab Activity	Cost per sample ₦ : K
1	Genomic DNA Extraction	₦ 10,000:00
2	Tiling PCR Primer Design and Genome amplification by PCR plus Quality Control (Qubit 4.0 fluorometry + Bioanalyzer)	₦ 60,000:00
3	Genome library preparation using MGIEasy Universal Library Prep Kit .	₦ 25,000:00
4	Quality Control (Qubit 4.0 fluorometry + Bioanalyzer) & Library Pooling	₦ 10,000:00
5	Sequencing plus de-multiplexing	₦ 40,000:00
	Total cost	₦ 135,000:00
	The above cost per sample is possible if only more than 40 samples will be sequenced. Below are cost implications for sequencing 40 samples and below 1. < 10 samples = 300,000:00 per sample 2. 10 – 20 samples = 280,000:00 per sample 3. 20 – 30 samples = 250,000:00 per sample 4. 30 – 40 samples = 200,000:00 per sample	

SIGNED
NIMR CRL