

TCTTGAGTGCATTAAAGACCTTCTAGCAAGTGCTGGTAAAGCTTCATACACTTTGTG  
GTTCTGAAAAGAGCTATGAATTGCTTGAATTAATTCACAAAGAAAT  
AAAAAGCTTGATGGCTTTATGGGT  
TAAAGCCACTTGGCTTTT  
TAGGTTGTAACCA  
GGCATCTTT  
GTGAACA  
GATG

# NEW! *VirusHunter™ Assays*

## *SARS-CoV-2 Whole Genome Sequencing on QuadCore™ Chips*

### **Competitive Pricing**

Cost-effective, highly accurate sequencing of the full SARS-CoV-2 genome

### **Incredible Accuracy**

>99.9% genomic coverage and >99.99% accuracy for samples with Ct values below 27

### **Fewer Steps and Hands-on Time**

Capture-based sequencing technology eliminates tedious and time-consuming library preparation steps

### **Proven Performance**

Take advantage of new sequencing chips used in clinical and research labs across the United States and Asia

### **High throughput**

96-chip plate format enables the whole genome sequencing of 96 samples at once



6mm x 6mm QuadCore™ chips contain 8 probes against each base in the SARS-CoV-2 genome and against common variant sequences.

## *SARS-CoV-2 and Influenza A and B Detection with the VirusHunter™ Multiplex Virus Panel (MVP) Assay on ATOM™ Chips*



1mm x 1mm ATOM™ chips contain sequences against 35 viral pathogens and 21 pathogenic bacteria

### **Get Results Fast**

Go from sample to result in ~2 hours

### **Ultra-Sensitive Multiplex Virus Detection**

SARS-CoV-2: 125 copies per mL

Influenza A: 0.01-0.05 TCID<sub>50</sub>/mL

Influenza B: 0.005-0.01 TCID<sub>50</sub>/mL

### **Gold Standard Detection**

RT-PCR is the gold standard for nucleic acid detection for identification of viruses. The VirusHunter™ MVP assay combines fast-cycling "rapid" RT-PCR with incredibly accurate and sensitive detection using ATOM™ DNA Chips.

### **High Throughput**

Process up to 384 samples on a single plate.