

# THE VILLAIN AT WORK...



## ...LEAVES A CLINICAL CHALLENGE

### DENGUE? CHIKUNGUNYA??

- ⇒ DENGUE AND CHIKUNGUNYA ARE VIRAL DISEASES WITH COMMON SYMPTOMS
- ⇒ SYMPTOMS INCLUDE FEVER, HEADACHE, EYE PAIN, JOINT PAIN, RASHES, LETHARGY
- ⇒ BOTH ARE SPREAD BY THE Aedes Aegypti AND Aedes Albopictus MOSQUITO
- ⇒ THE TWO DISEASES ARE OFTEN MIS-DIAGNOSED IN AREAS OF COMMON PREVALENCE
- ⇒ IT IS ALSO POSSIBLE TO BE INFECTED WITH BOTH VIRUSES AT THE SAME TIME
- ⇒ EARLY, ACCURATE AND DIFFERENTIAL DIAGNOSIS IS OF PRIMARY IMPORTANCE FOR CLINICAL CARE
- ⇒ SEROLOGICAL TESTS FOR IGG AND IGM ANTIBODIES COME UP ONLY IN THE SECOND WEEK OF ILLNESS AND SHOW POOR SENSITIVITY AND SPECIFICITY. HOWEVER THEY ARE GOOD FOLLOWUP TEST TO VIRAL CONFIRMATORY TESTS THAT BECOME NEGATIVE AFTER FIRST WEEK
- ⇒ ANTIGEN DETECTION TESTS ARE DETECTABLE DURING THE ACUTE PHASE BUT THE ACCURACY OF THESE TESTS IS NOT FULLY ESTABLISHED DUE TO SENSITIVITY AND SPECIFICITY ISSUES
- ⇒ VIRUS ISOLATION BY CELL CULTURE CONFIRMS INFECTION BUT TAKES SEVERAL DAYS. NEEDS SKILL AND SPECIAL INFRASTRUCTURE
- ⇒ DURING THE FIRST FIVE DAYS OF ILLNESS, RT-PCR IS THE MOST RECOMMENDED METHOD FOR DETECTION AND DIFFERENTIAL DIAGNOSIS BECAUSE OF HIGH SENSITIVITY AND SPECIFICITY
- ⇒ THE CONVENTIONAL REAL TIME RT-PCR ASSAYS REQUIRE EXPENSIVE EQUIPMENT AND REAGENTS AND LABORATORY INFRASTRUCTURE AND TAKE A FEW DAYS FOR RESULTS
- ⇒ Truenat<sup>®</sup> ASSAYS ARE SIMPLE, RAPID, INFRASTRUCTURE INDEPENDENT AND DESIGNED FOR POINT-OF-CARE. SINGLE AND DUPLEX ASSAYS FOR DENGUE AND CHIKUNGUNYA ALLOWS EARLY DETECTION AND DIFFERENTIAL DIAGNOSIS

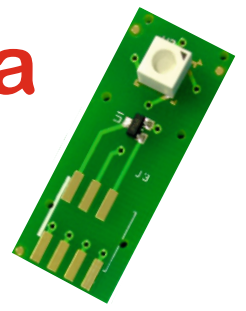
DIFFERENTIAL DIAGNOSIS OF  
DENGUE AND CHIKUNGUNYA



ASK FOR  
**Truenat<sup>®</sup>**  
DENGUE/CHIKUNGUNYA

# Truenat<sup>®</sup> Dengue/Chikungunya

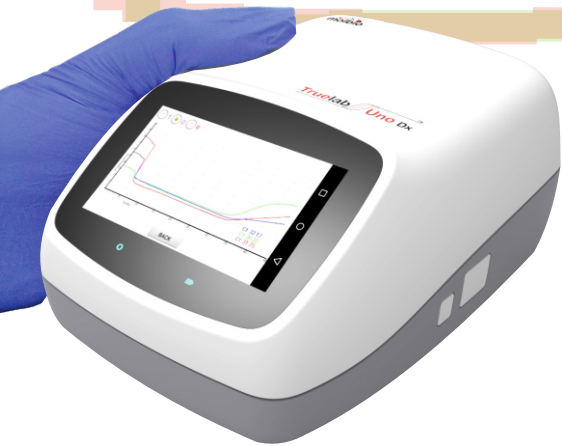
## YOUR PARTNER IN DENGUE/CHIKUNGUNYA DETECTION AND MANAGEMENT



- Truenat<sup>®</sup> DENGUE/CHIKUNGUNYA IS A CHIP BASED DUPLEX REAL TIME MICRO PCR TEST FOR DENGUE/CHIKUNGUNYA.
- Truenat<sup>®</sup> DENGUE/CHIKUNGUNYA IS PART OF THE TrueLab<sup>®</sup> REAL TIME MICRO PCR SYSTEM.
- RAPID, PORTABLE, NEAR PATIENT, POINT OF CARE SYSTEM.
- SINGLE TESTING CAPABILITY. SAMPLE TO RESULT IN LESS THAN ONE HOUR.
- HIGHLY SENSITIVE AND SPECIFIC. CONFIRMS INFECTION WITH DENGUE/CHIKUNGUNYA.
- SIMPLE AND FOOL PROOF. COMPARES WITH STATE OF THE ART.
- NO SPECIAL INFRASTRUCTURE REQUIRED. YOUR NEIGHBOURHOOD LABS CAN DO IT.
- EXTENSIVELY VALIDATED. LICENSED BY INDIAN FDA. CE MARKED.
- QUANTITATIVE RESULTS. REPORTING CAN ALSO BE DONE WIRELESSLY.
- SIMPLER, FASTER, MORE RELIABLE AND ACCURATE.
- EARLY DIFFERENTIAL DIAGNOSIS OF DENGUE/CHIKUNGUNYA INFECTION FOR BETTER PATIENT AND DISEASE MANAGEMENT.
- THE ASSAY COULD DETECT 139.76 COPIES/ML FOR DENGUE AND 180.45 COPIES/ML FOR CHIKUNGUNYA

### ORDERING INFORMATION

PRODUCT	PACK SIZE	CAT. NO.
Truenat <sup>®</sup> Dengue/Chikungunya	5T	601040005
	20T	601040020
	25T	601040025
	50T	601040050
	100T	601040100
	200T	601040200
<b>ALSO AVAILABLE</b>		
Truenat <sup>®</sup> Dengue	5T	601050005
	20T	601050020
	25T	601050025
	50T	601050050
	100T	601050100
	200T	601050200
Truenat <sup>®</sup> Chikungunya	5T	601060005
	20T	601060020
	25T	601060025
	50T	601060050
	100T	601060100
	200T	601060200



*ENSURES TIMELY AND CORRECT  
DIAGNOSIS. ALLOWS START OF  
EFFECTIVE TREATMENT THE SAME DAY.*



**Molbio Diagnostics Private Limited**

Plot No. L-46, Phase II D,  
Verna Industrial Estate, Verna,  
Goa - 403 722, INDIA  
Ph.: 91-832-2783267

Email: sales@molbiodiagnostics.com, customersupport@molbiodiagnostics.com

Website: www.molbiodiagnostics.com

**Truenat<sup>®</sup>  
DENGUE/CHIKUNGUNYA**

**NOW PERFORMED AT**



**ANY WHERE, ANY TIME, REAL TIME PCR**