

HD CHIP FOR T-TAS® 01

For the measurement of overall hemostatic function
in whole blood with low platelet count



HD CHIP FOR T-TAS 01

An *in vitro* measurement of white thrombus formation (i.e., fibrin-rich platelet thrombus)

- Uses citrated whole blood at arterial shear rate ($1,200\text{ s}^{-1}$)
- Contains a microcapillary channel coated with collagen and tissue thromboplastin
- Sample is re-calcified and corn trypsin inhibitor is added immediately prior to the assay, restoring physiological calcium levels and making the test specific for the extrinsic coagulation pathway
- Measures overall hemostatic function in whole blood samples with low platelet count (10,000-90,000/ μL)
- Generates results within 60 minutes of sample collection (assay duration ≤ 30 minutes)



CLINICAL AND THERAPEUTIC RESEARCH AREAS

Thrombocytopenia

Assessment of
bleeding risk

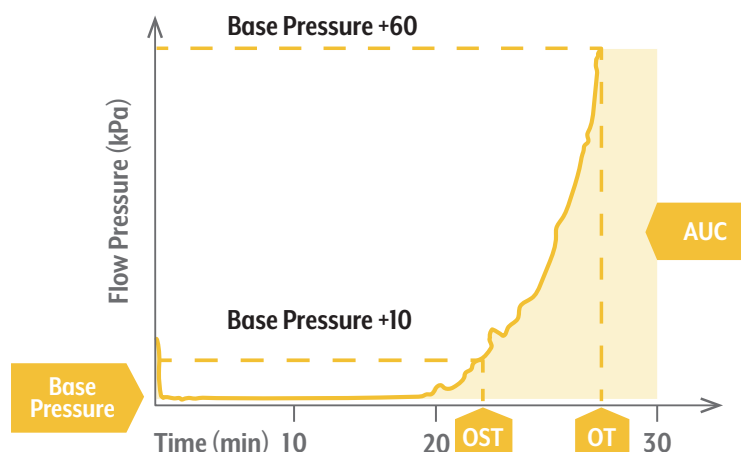
Platelet
Transfusion

Hemostasis
Management

MEASUREMENT OF WHITE THROMBUS FORMATION



Measurements performed
using the T-TAS 01 Instrument



PRIMARY RESULT:

AUC, area under the pressure-time curve

AVAILABLE FROM RAW DATA:

OST, occlusion start time, clotting begins, pressure reaches 10 kPa above baseline

OT, occlusion time, flow ceases

ORDERING INFORMATION

ITEM	CATALOG NUMBER
T-TAS 01 Total Thrombus formation Analysis System Instrument	18001
HD Chip for T-TAS 01, 20 Chips	19002
AR Chip & HD Chip Reservoir set for T-TAS 01, 100 Sets	19003
CaCTI Reagent for T-TAS 01, 20 Assays	19004

FOR ADDITIONAL INFORMATION PLEASE VISIT DIAPHARMA.COM

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