

## Technical Data Sheet

**Product:** Standard Smart Tube

**Catalog Number:** MTS1P 100/CS

**Product Components:**

Smart Tube, Case of 100

Processing Inserts, Bag of 100

Thaw/Lyse Buffer 1, 1000X Concentrate (size: 60 milliliters)

**Storage Temperature:** ROOM TEMPERATURE

**Shelf Life of Smart Tubes:** Recommend customer re-test every two (2) years

**Shelf Life of Thaw-Lyse Buffer:** 5 years as supplied

**SDS for Proteomic Stabilizer in Smart Tubes can be downloaded from:**

<https://www.smarttubeinc.com/sds/PROT1.pdf>

### Description

Standard Smart Tube. Optimized to work with 1 milliliter of whole blood. Proteomic Stabilizer is sealed under an inert atmosphere within ampoule in each Smart Tube to ensure excellent shelf life. Because applications vary we recommend that customers re-test the activity of the Smart Tubes every two (2) years to ensure there has been no loss of activity in their specific assay. Inquire about Smart Tubes customized to work with other volumes of blood as well as Smart Tubes pre-loaded with biologics or drugs of interest.

### Suggested Companion Products

Base Station

Thaw-Lyse Buffer, 1000X Concentrate

Programming Station

Lyse Buffer 2, 5X Concentrate

Processing Inserts

TruStain fcX from BioLegend

Protocol for using Smart Tubes to Bank Whole Blood Samples with Base Station automation instrument

Protocol Number: STATION\_BANK\_STP1TB-190719

[https://www.smarttubeinc.com/protocols/mts1p/STATION\\_BANK\\_STP1TB-190719.pdf](https://www.smarttubeinc.com/protocols/mts1p/STATION_BANK_STP1TB-190719.pdf)

Protocol for thawing and staining samples previously banked in Smart Tubes using a Base Station automation instrument: STATION\_THAW\_STP1TB-190719

[https://www.smarttubeinc.com/protocols/mts1p/STATION\\_THAW\\_STP1TB-190719.pdf](https://www.smarttubeinc.com/protocols/mts1p/STATION_THAW_STP1TB-190719.pdf)

Protocol for Incubating and Freezing Samples in Smart Tubes without using a Base Station

Protocol Number: STMTS1PNB-131103-RevB

[https://www.smarttubeinc.com/protocols/mts1p/ST\\_BANK\\_STMTS1PNB-131103-RevC.pdf](https://www.smarttubeinc.com/protocols/mts1p/ST_BANK_STMTS1PNB-131103-RevC.pdf)

Protocol for Thawing Samples Frozen in Smart Tubes without using a Base Station

Protocol Number: STTLNB-131103

[https://www.smarttubeinc.com/protocols/mts1p/ST\\_THAW\\_STTLNB-131103R170913-RevA.pdf](https://www.smarttubeinc.com/protocols/mts1p/ST_THAW_STTLNB-131103R170913-RevA.pdf)

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ON-SITE SAMPLE PREP**

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