



## BLOOD BAG TEMPERATURE MONITORING

Monitor your blood bag temperature and be confident that they have stayed within the required temperature range.

BloodBud is a dual-function liquid crystal chemical indicator designed to monitor the temperature of blood bags and alert users if there has been a temperature excursion of 10°C or higher.

**Reversible Thermometer** – Displays real-time, on blood bag temperature for continual monitoring.

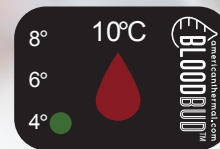
**Irreversible Indicator** – Provides a permanent visual alert if the blood temperature exceeds a critical threshold.

### Operation

- The reversible temperature dots display the internal core temperature of the blood between 3°C and 9°C.
- When the temperature falls below 1°C or exceeds 9°C, no temperature dots are visible.

### Irreversible Event

After activation, the irreversible droplet monitors temperature exposure. Once the blood's core temperature reaches 10°C, the droplet irreversibly disappears, indicating the blood has surpassed the acceptable temperature limit.



Untriggered



Triggered

## SPECIFICATIONS

|                         |                                                       |
|-------------------------|-------------------------------------------------------|
| Response Temperature    | 10°C (50°F)                                           |
| Accuracy                | ±0.5°C                                                |
| Dimensions              | 1" x 0.625"<br>(2.54cm x 1.59 cm)                     |
| Packaging               | Package of 100                                        |
| Reversible Thermometer  | Display current temperature from 3°C to 9°C           |
| Indicator Display       | Irreversible droplet changes red to black (disappear) |
| Activation              | Freezer ( $\geq -15^{\circ}\text{C}$ ) for 2 hours    |
| Pre-Activation Storage  | Room Temperature                                      |
| Post-Activation Storage | Refrigeration                                         |