What are the benefits of using QTA Tracer System?

Creates a Temperature Controlled Environment from A to Z

Simplifies inventory processes

Minimizes waste - Maximizes usage

Improves handling for better quality, time optimization and economy

Facilitates redistribution and logistics optimization

Enables monitoring of remaining shelf life at all locations

Provides data for research and education

Makes it easy to follow regulations

Check status and life span easily

1 Start QTA Access Point, choose the tab ”Status”.

2 Turn the blood bag over in your hand until the LED on the Tracer flashes.

3 Scan the barcode on the Tracer.

4 Life span is displayed in days and hours.

Software

QTA Access Point, and a Bluetooth USB dongle, are installed on a PC. Use QTA Access Point to:

- Activate QTA Tracer
- Get status and temperature readouts
- Release blood bags from quarantine
- Extract stored information

More information

On our website: www.qtatracersystem.com
Information video: www.youtube.com/qtatracersystem

QTA TRACER SYSTEM

www.qtatracersystem.com

CE 0402 *Class IIa* *Available only in Europe*

Manufactured by TRIDENTIFY

QTA Tracer System®

A system for hemovigilance (blood monitoring) ensuring quality, minimizing uncertainty and reducing waste of blood products.

QTA TRACER SYSTEM

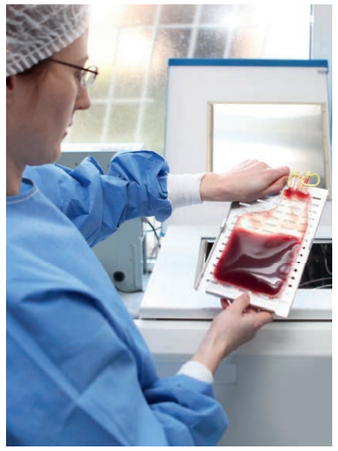
QTA
TRACER SYSTEM

- Minimizing uncertainty
- Indicating deviations
- Ensuring quality
- Reducing waste of blood
- Eco-friendly and can be recycled
- Planning and forecasting

A system for hemovigilance to ensure quality of blood products

QTA Tracer System® is a system developed in collaboration with the donation center at Ryhov County Hospital in Jönköping and Swedish expertise in transfusion medicine. The product is designed to ensure the quality and durability of blood products in real time.

QTA Tracer System® is part of the hemovigilance system, the purpose of which is to improve quality in transfusion medicine. By continuously monitoring the product from ”Vein to vein” uncertainties, such as temperature exposure, are minimized.



Quality, Traceability and Accessibility

QTA Tracer System® works with wireless transmitters ”tracers” attached to the blood bag. The Tracer detects temperature variations and stores and processes information. Using specific algorithms the blood bag’s current life span is calculated.
At any moment you can verify that the blood product has the right quality. Each tracer is equipped with diodes. When set in motion, the tracer starts flashing ”green” if the product is valid and ”red” if it is not. Detailed information about the blood bag is available through the system software, QTA Access Point, where you can easily track temperature variations, when they occurred and how this has affected the life of the blood. Information is also uploaded to the QTA Web Portal for further analysis.

Reduced wastage of blood

QTA Tracer System® provides information about the blood bag’s life span. Returning or redistributing blood components is made safer since the handling of the units is traceable. An overview of the inventory of available blood products and their life span is easily obtained, enabling more accurate forecasts and redistribution of blood.

Higher quality and research

Information stored in the QTA Tracer System® enables quality improvement measures in the handling of blood products from blood collection through transport to storage. The information is also available as a basis for further research on shortened life span of blood products due to temperature changes.

Developed for reuse

The QTA tracer may be reused for several years. When the blood bag is exhausted the tracer is returned to the donation center where a machine wash resets it, making it ready to be used on a new product. The system indicates when a tracer cannot be reused.

Check status easily

Turn the blood bag in your hand until the tracer starts flashing – green for valid blood, red for invalid.

— Valid

— Invalid

”Temperature monitoring, especially at transport and in connection with transfusion, is currently inadequate.”

Hans Gulliksson, Associate Professor of Clinical Immunology / Transfusion Medicine

According to European Commission Directive 2005/62/EC *”the blood quality shall be guaranteed all the way from donor to recipient”*.

The life of a blood bag with red blood cells is 42 days (Swedish regulations) – with QTA TracerSystem® usage time is maximized.

QTA Tracer System® improves quality management in all areas - transport, storage and handling in the departments.