RadTag®, an innovative blood irradiation indicator gives you more than just a yes or no. It additionally indicates if the product received the minimum dose of 15 Gy, or exceeded the maximum allowable dose of 50 Gy.

Simply confirm the sensitive blue dot is the same as or darker than the 15 Gy color and if necessary, not darker than the 50 Gy color. It's that simple.

The RadTag® Irradiation Indicator is attached to a blood bag prior to the bag’s placement in an irradiator. The sensitive portion of the indicator is white initially and changes to a blue color upon exposure to ionizing radiation; the shade of blue is an approximation of the amount of radiation dose delivered. The color change is permanent and immediate and does not require any further processing or development. The amount of color change has been optimized to give a clear indication that the blood bag has been processed at levels of irradiation currently used in the industry. A typical processing unit will target a 25 Gy (2500 rads) dose to the central part of the irradiation container and a minimum of 15 Gy (1500 rads) to any other part.

An Innovative Way to Confirm Your Blood Products Were Irradiated

RadTag® Irradiation Indicator

- RTG15 Gamma Irradiation Indicator (Target Dose 25 Gy)
- RTX15 X-Ray Irradiation Indicator (Target Dose 25 Gy)

### Features
- Utilizes a unique color changing material
- Can be a simple yes/no process verification of dose delivered
- Can also be a semi-quantitative indicator of radiation dose
- Both Gamma and X-ray versions available
- Lot number and expiry date on label
- Barcode readable
- Flexible adhesive label
- Accepted and approved by regulatory agencies

### Benefits
- Quick and easy to interpret
- Blue color = positive
- No color = negative
- Verifies if irradiation has taken place using a color reference system
- Reveals that the range of dose delivered is within FDA and AABB recommended limits for blood and blood components (15Gy to 50Gy)
- Assures compliance with FDA/AABB guidelines for min/max dose limits
- Support for users of either radiation source
- Convenient for documentation
- Less rigid than other labels
- Easier to apply to blood bags and syringes
- Registered with HPFD and cleared by FDA
- Quality Management System registered to ISO 9001:2015

To order, contact your distributor:
RadTag® indicators should not be considered as radiation dosimeters, but rather as semi-quantitative indicators of radiation dose. It is recommended that regular maintenance be performed by the manufacturer of the irradiator.

Manufactured by:

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