

# RADTAG®

## Blood Irradiation Indicators

The Leader in Safety  
Verification...Pure and Simple

### Your patients expect the highest level of safety

For optimal patient safety, it is necessary to confirm that blood products have been irradiated according to standard guidelines. Failure to verify compliance with these guidelines can pose a risk to patients.

- USA and Canada guidelines require blood to be irradiated at no less than 15 Gy and no more than 50 Gy.
- EU, UK and Australia guidelines require blood to be irradiated at no less than 25 Gy and no more than 50 Gy.



A proper verification of irradiation is important. Irradiation dose will vary depending on where blood products are placed in the irradiator and how many blood products are irradiated at one time. Operator and machine error can also lead to under-irradiation or over-irradiation of blood products. Yes/No indicators cannot reliably tell you if your blood products received the correct dose of irradiation. RadTag® Blood Irradiation Indicators were developed by researchers at the University of Alberta (Canada) to provide blood banks with the assurance that their blood irradiation processes have met national and international guidelines.

RadTag® indicators have been specially calibrated to verify that the dose of irradiation delivered falls within recommended ranges. RadTag® indicators offer the best final validation that irradiated blood is safe to transfuse. No other indicator can offer the quality and assurance that RadTag® can. It's for this reason leading irradiator manufacturers recommend RadTag®.

**No other indicator can give you this level of assurance**

### Verification Process



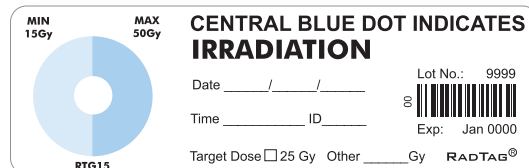
**Under-Irradiated**  
Central Dot lighter than minimum reference color



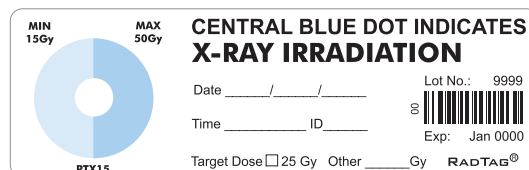
**Within Recommended Dose Range**  
Central Dot between minimum and maximum reference color



**Over-Irradiated**  
Central Dot darker than maximum reference color



RTG15 Gamma Irradiation Indicator  
(RTG25 also available)



RTX15 X-Ray Irradiation Indicator  
(RTX25 also available)

Manufactured in compliance with ISO 9001:2015 guidelines



**RADTAG**  
TECHNOLOGIES

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