Rad-Sure™ XR x-ray blood irradiation indicators provide positive, visual verification of irradiation at the minimum specified dose. Manufactured from Gafchromic™ film, the world’s highest resolution dosimeter, Rad-Sure™ XR is the standard for blood irradiation indicators for over 25 years. Before a blood product and its attached indicator are irradiated, the indicator reads “NOT IRRADIATED.” After the blood product and its attached indicator are irradiated, the word “NOT” is obscured and the indicator reads “IRRADIATED.” They should be used with X-ray irradiators that utilize X-rays generated from 160 kVp sources that are filtered through 0.38 mm of copper, or 150 kVp sources that are filtered through 1 mm of aluminum.

**benefits**
- not subjective—the product has been properly irradiated when the film turns black and “NOT” is completely obscured
- color-blind friendly—no need to match colors, just read the indicator to know the blood product has been irradiated
- made with accurate and reliable film used in radiation oncology centers around the world
- uses a powerful adhesive to help the indicator stick and stay on blood bags
- easy to use: just peel, stick, irradiate, and read
- U.S. FDA listed medical device
- ISBT 128 bar-coded lot numbers
- minimum dose of 15 Gy or 25 Gy available

**product list**

<table>
<thead>
<tr>
<th>product</th>
<th>product code</th>
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<tbody>
<tr>
<td>rad-sure™ XR 15 Gy blood irradiation indicators</td>
<td>831396</td>
</tr>
<tr>
<td>rad-sure™ XR 25 Gy blood irradiation indicators</td>
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**examples**

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Rad-Sure™ XR irradiation indicators before and after irradiation.
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The information contained in this brochure and the various products described are intended for use only by persons having technical skill and at their own discretion and risk after they have performed necessary technical investigations, tests and evaluations of the products and their uses. Certain end uses of these products may be regulated pursuant to rules or regulations governing medical devices, drug uses, or pesticidal or antimicrobial uses. It is the end user’s responsibility to determine the applicability of such regulations to its products.

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