

Rad-Sure™ ChromicVue
XR 15 Gy and XR 25 Gy
Blood Irradiation Indicator
Use Instructions
Rev. 01 June 2019

When attached to blood products, Rad-Sure™ ChromicVue XR 15 Gy and XR 25 Gy indicators show whether the blood products have been irradiated. 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” in the indicator window is obscured and the indicator reads “IRRADIATED”.

Rad-Sure™ ChromicVue XR indicators should be used only with x-ray irradiators that utilize x-rays generated from 160kVp sources that are filtered through 0.38mm of copper, or 150kVp sources filtered through 1mm of aluminum. If Rad-Sure™ ChromicVue XR indicators are used with x-ray sources other than the indicated energy sources, the radiation sensitive film in the window may not darken completely when irradiated at the minimum dose for the product and the word “NOT” may still be visible.

NOTE: Rad-Sure™ indicators only indicate that irradiation has occurred. They do not measure the dose from an irradiator. They must be used only with irradiators that are working properly and are properly calibrated. However, because of variation in lighting conditions, product batches and user eyesight, Rad-Sure™ indicators may appear fully opaque even after exposure to less than the minimum dose for the product. Therefore, Rad-Sure™ indicators should never be used to calibrate an irradiator.

1. Look at the top of the box for the arrow. Pull the clear strip to dispense one Rad-Sure™ indicator from the dispenser box.
2. Do not expose at or above 50°C (122°F)-Avoid prolonged exposure to elevated temperatures above 25°C.
3. Look for the word “NOT” in the window of each indicator. Do not use an indicator unless the word “NOT” is clearly visible (see figure 1a).
4. Observe the product expiration date on the indicator. If the product is beyond the expiration date, do not use the indicator.
5. Avoid touching the adhesive layer with rubber gloves. Apply the indicator firmly to an appropriate, clean, dry place on the unit of blood prior to irradiation.
6. Irradiate the unit of blood with the attached indicator in an x-ray source irradiator at or above the recommended minimum dose.
7. After irradiation, check the indicator to verify that the window is black and obscures the word “NOT”. The indicator should now read “IRRADIATED” (see figure 1b). If the word “NOT” remains visible, notify your supervisor immediately.
8. Avoid prolonged exposure of the indicators to direct sunlight or ultraviolet light.

9. Store indicators at or below 25°C. Store away from all radiation sources, including gamma, rays, x-rays, electron devices, and microwaves.

Rad-Sure™ is a registered trademark owned by Ashland.
US Patent NO-7445880

Manufactured for:
ASHLAND SPECIALTY INGREDIENTS G.P.
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USA

U.S. FDA Listing Number: A976736

For reorders within the U.S. email AdvancedOrders@Ashland.com

For service or information in the U.S. email: AdvancedMaterials@Ashland.com

For service or information outside the U.S., contact your local distributor. For the name of a distributor in your area, contact: AdvancedMaterials@Ashland.com.

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figure 1a
Rad-Sure™ ChromicVue™ XR 15 Gy and
XR 25 Gy indicators before irradiation

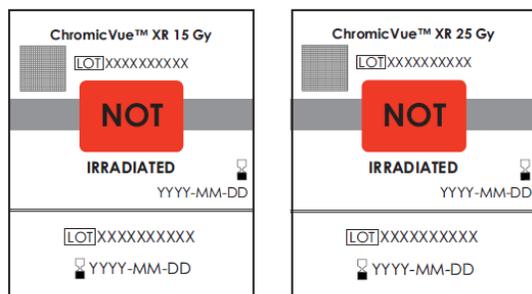
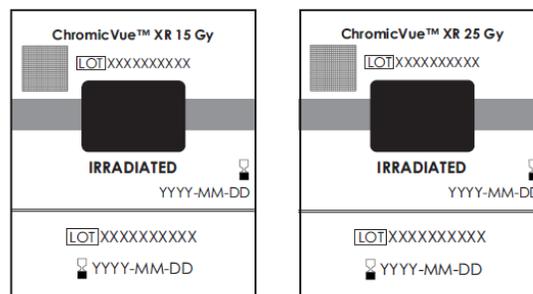


figure 1b
Rad-Sure™ ChromicVue™ XR 15 Gy and
XR 25 Gy indicators after irradiation



product list

product	product code
Rad-Sure™ ChromicVue™ XR 15 Gy blood irradiation indicators	943039
Rad-Sure™ ChromicVue™ XR 25 Gy blood irradiation indicators	943040

symbol/ símbolo/ symbole/ 符號/ Символ	symbol title/ nombre del símbolo/ explication du symbole/ symboltitel/ tytuł symbolu/ 符號說明/ Название символа
	Batch code/ Código de lote/ Code de lot/ Chargen-Code/ Kod partii/ 批次編號/ Код партии
	Use-by date/ Fecha de vencimiento/ Date limite d'utilisation/ Haltbarkeitsdatum/ Data ważności/ 到期/ Срок годности
	Manufacturer/ Fabricante/ Fabricant/ Hersteller/ Producent/ 製造商/ Производитель
	Do not re-use/ No reutilizar/ Ne pas réutiliser/ Darf nicht wiederverwendet werden/ Nie można go ponownie wykorzystywać/ 切勿重複使用/ Не использовать повторно