

 **SURMODICS BioFX® Chemiluminescent Super Sensitive
HRP Microwell/Membrane Substrate**

Product insert

Product number:

LUMI-0050-2C (50 mL)
LUMI-0110-2C (110 mL)
LUMI-0220-2C (220 mL)
LUMI-0440-2C (440mL)
LUMI-0500-2C (500 mL)
LUMI-1000-2C (1000 mL)

Components:

- 1) Chemiluminescent Super Sensitive Luminol-Reagent A (LUMA)
- 2) Chemiluminescent Super Sensitive Reaction Buffer-Reagent B (LUMB)

Intended use:

BioFX® Chemiluminescent Super Sensitive HRP Microwell/Membrane Substrate should be used for the sensitive detection of peroxidase in microwell and membrane blotting applications.

Product stability and storage:

Product stability	18 months from the date of manufacture.
Storage	Store at 2-8°C when stored in the original containers and protected from light.

Recommendations for use:

- 1) Prepare the substrate by mixing 1 mL of Chemiluminescent Super Sensitive Luminol-Reagent A (LUMA) with 1 mL of Chemiluminescent Super Sensitive Reaction Buffer-Reagent B (LUMB).
 - The 1:1 ratio can be used to make desired volumes of substrate. Mix the solutions well.
- 2) The mixture of the two components is stable for several hours at room temperature when protected from light.

Additional considerations:

The substrate is very sensitive and great care must be taken to optimize the individual assay components (antibodies, conjugates, solid phase, etc.) to minimize background reactivity associated with nonspecific immunochemical reactions.

For technical assistance, email ivdtechsupport@surmodics.com

Related products:

BioFX® Chemiluminescent Ultra-Sensitive HRP Microwell Substrate (CHMI)
BioFX® Chemiluminescent Sensitive Plus HRP Microwell/Membrane Substrate (LERI)
StabilZyme® HRP Conjugate Stabilizer (SZ02)

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