



BioFX® Chemiluminescent Ultra Sensitive HRP Microwell Substrate

Product insert

Product number:

CHMI-0060-2C (60 mL)
CHMI-0120-2C (120 mL)
CHMI-0300-2C (300 mL)

Components:

- 1) Chemiluminescent Ultra Sensitive Microwell Luminol-Reagent A (CHMA)
- 2) Chemiluminescent Ultra Sensitive Microwell Reaction Buffer-Reagent B (CHMB)
U.S. Patent No. 7,381,797

Intended use:

BioFX® Chemiluminescent Ultra Sensitive HRP Microwell Substrate should be used for the sensitive detection of peroxidase in microwell applications.

Product stability and storage:

Product stability	18 months from the date of manufacture.
Storage	Store at 2-8°C. The product should be protected from light.

Recommendations for use:

- 1) Prepare the substrate by mixing 1 mL of Chemiluminescent Ultra-Sensitive Microwell Luminol -Reagent A (CHMA) with 2 mL of Chemiluminescent Ultra-Sensitive Microwell Reaction Buffer-Reagent B (CHMB).
 - The 1:2 ratio can be used to make desired volumes of substrate.
- 2) Mix the solutions well. 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 Super Sensitive HRP Microwell/Membrane Substrate (LUMI)
BioFX® Chemiluminescent Sensitive Plus HRP Microwell/Membrane Substrate (LERI)
StabilZyme® HRP Conjugate Stabilizer (SZ02)
BioFX® TMB Super Sensitive One Component HRP Microwell Substrate (TMBS)

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