



BioFX™ Chemiluminescent Super Sensitive HRP Microwell/Membrane Substrate

Product insert

Product number:

LUMI-0110-2C (110 mL)
Custom Sizes Available

Components:

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

Product 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:

In-Solution Protein Stabilizers & Diluents:
StabilZyme™ HRP Conjugate Stabilizer (SZ02)
StabilZyme™ SELECT Stabilizer (SZ03)
StabilZyme™ NOBLE Stabilizer (SZ04)
StabilZyme™ Protein Free Stabilizer (SZPF)
Surmodics™ Assay Diluent (Protein-Free) (SM01)
MatrixGuard™ Diluent (SM02)
Blockers/Stabilizers:
StabilGuard™ Immunoassay Stabilizer-BSA-Free (SG01)
StabilCoat™ Immunoassay Stabilizer (SC01)
StabilBlock™ Immunoassay Stabilizer (ST01)



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Substrates:
BioFX™ Chemiluminescent Ultra-Sensitive HRP Membrane Substrate (CHMM)
BioFX™ Chemiluminescent Ultra-Sensitive HRP Microwell Substrate (CHMI)
BioFX™ Chemiluminescent Sensitive Plus HRP Microwell/Membrane Substrate (LERI)
BioFX™ TMB Super Sensitive One Component HRP Microwell Substrate (TMBS)
BioFX™ TMB One Component HRP Microwell Substrate (TMBW)
BioFX™ TMB Conductivity One Component HRP Microwell Substrate (TMBC)
BioFX™ TMB Slow Kinetic One Component HRP Microwell Substrate (TMSK)
BioFX™ TMB Extended Range One Component HRP Microwell Substrate (TMBX)
BioFX™ TMB Enhanced HRP Membrane Substrate (ESPM)
BioFX™ TMB One Component HRP Membrane Substrate (TMBM)

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