



BioFX™ Chemiluminescent Ultra Sensitive HRP Microwell Substrate

Product insert

Product number:

CHMI-0060-2C (60 mL)
Custom Sizes Available

Components:

- 1) Chemiluminescent Ultra Sensitive Microwell Luminol-Reagent A (CHMA)
- 2) Chemiluminescent Ultra Sensitive Microwell Reaction Buffer-Reagent B (CHMB)

Product use:

BioFX™ Chemiluminescent Ultra Sensitive HRP Microwell Substrate should be used for the sensitive detection of peroxidase in microwell applications. Pat. www.surmodics.com/patents

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:

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)
Substrates
BioFX™ Chemiluminescent Ultra-Sensitive HRP Membrane Substrate (CHMM)
BioFX™ Chemiluminescent Super Sensitive HRP Microwell/Membrane Substrate (LUMI)
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)

SURMODICS, BIOFX, STABILZYME, MATRIXGUARD, STABILCOAT, STABILGUARD and STABILBLOCK are trademarks of Surmodics, Inc. and/or its affiliates.

These products are for research and/or further manufacture and are not intended for use in humans or therapeutic purposes. Sales are without any seller's warranty or representation, expressed or implied, by usage or otherwise; no claims beyond replacement of unacceptable material or refund of purchase price shall be allowed. All claims must be made within 30 days following date of delivery.