

Product number:

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

Components:

- 1) Chemiluminescent Ultra Sensitive Membrane Luminol-Reagent A (CHMC)
- 2) Chemiluminescent Ultra Sensitive Membrane Reaction Buffer-Reagent B (CHMD)

Product use:

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

Product stability and storage:

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

Recommendations for use:

- 1) Prepare the substrate by mixing 1 mL of Chemiluminescent Ultra Sensitive Membrane Luminol-Reagent A (CHMC) with 2 mL of Chemiluminescent Ultra Sensitive Membrane Reaction Buffer-Reagent B (CHMD).
 - 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 reactivities.

For technical assistance, email ivdtechsupport@surmodics.com

Related products:

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| 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) |

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| Blockers/Stabilizers: |
| StabilGuard™ Immunoassay Stabilizer-BSA-Free (SG01) |
| StabilCoat™ Immunoassay Stabilizer (SC01) |
| StabilBlock™ Immunoassay Stabilizer (ST01) |
| StabilBlot™ Protein-Free Blocker (SB01) |
| StabilBlot™ Milk Blocker – 10X (SB04) |
| StabilBlot™ Casein Blocker – 5X (SB05) |
| Substrates: |
| BioFX™ Chemiluminescent Ultra-Sensitive HRP Microwell Substrate (CHMI) |
| BioFX™ Chemiluminescent Sensitive Plus HRP Microwell and/or Membrane Substrate (LERI) |
| BioFX™ Chemiluminescent Super Sensitive HRP Microwell and/or Membrane Substrate (LUMI) |
| 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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