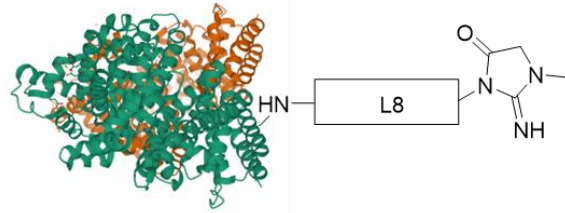


BSA Creatinine L8

Buffered solution, 1 mg per tube, ≥99% conjugates by SEC HPLC

Product Number: **CM52117**



Product Description

Creatinine is a byproduct of creatine produced in the muscles and is removed from the body by the kidneys. Measuring the amount of creatinine in the blood and/or urine can predict how well the kidneys are working. Immunoassay is a general method of detecting creatinine. However, creatinine is a very small molecule and is generally very difficult to generate an antibody against and that binds strongly to the protein for detection. CellMosaic's BSA-creatinine conjugate is designed with a flexible linker of optimal length (8-atom length, L8) and a labeling chemistry that does not interfere with creatinine binding with the antibody. Each lot of the conjugate consists of an optimally loaded BSA (5-7 creatinine molecules per BSA molecule as determined by mass spectrometry or SEC HPLC).

Application

- Suitable for antibody production and creatinine assay development.

Key Features of this BSA-Creatinine Conjugate

- Frozen liquid in PBS buffer and ready to use
- Flexible long linker and non-interfering labeling chemistry for easy access
- **Optimal loading** with average of 5-7 creatinine molecules per BSA for strong binding with low background
- Concentration accurately determined by UV/HPLC