

Decentralized creatinine testing

Sampling wherever the patient is – without compromising analytical performance



Creatinine test is used for:

- *Diagnosis and monitoring of chronic kidney disease (CKD)*
- *Monitoring kidney health in conditions where CKD risk is elevated, such as diabetes, obesity, hypertension, and certain autoimmune disorders*
- *Assessing kidney function prior to radiological procedures involving contrast media*

We've validated creatinine measurement from volumetric dried blood samples with Capitainer[®], compared with matched liquid blood, using standard enzymatic assays on routine clinical chemistry analyzers.

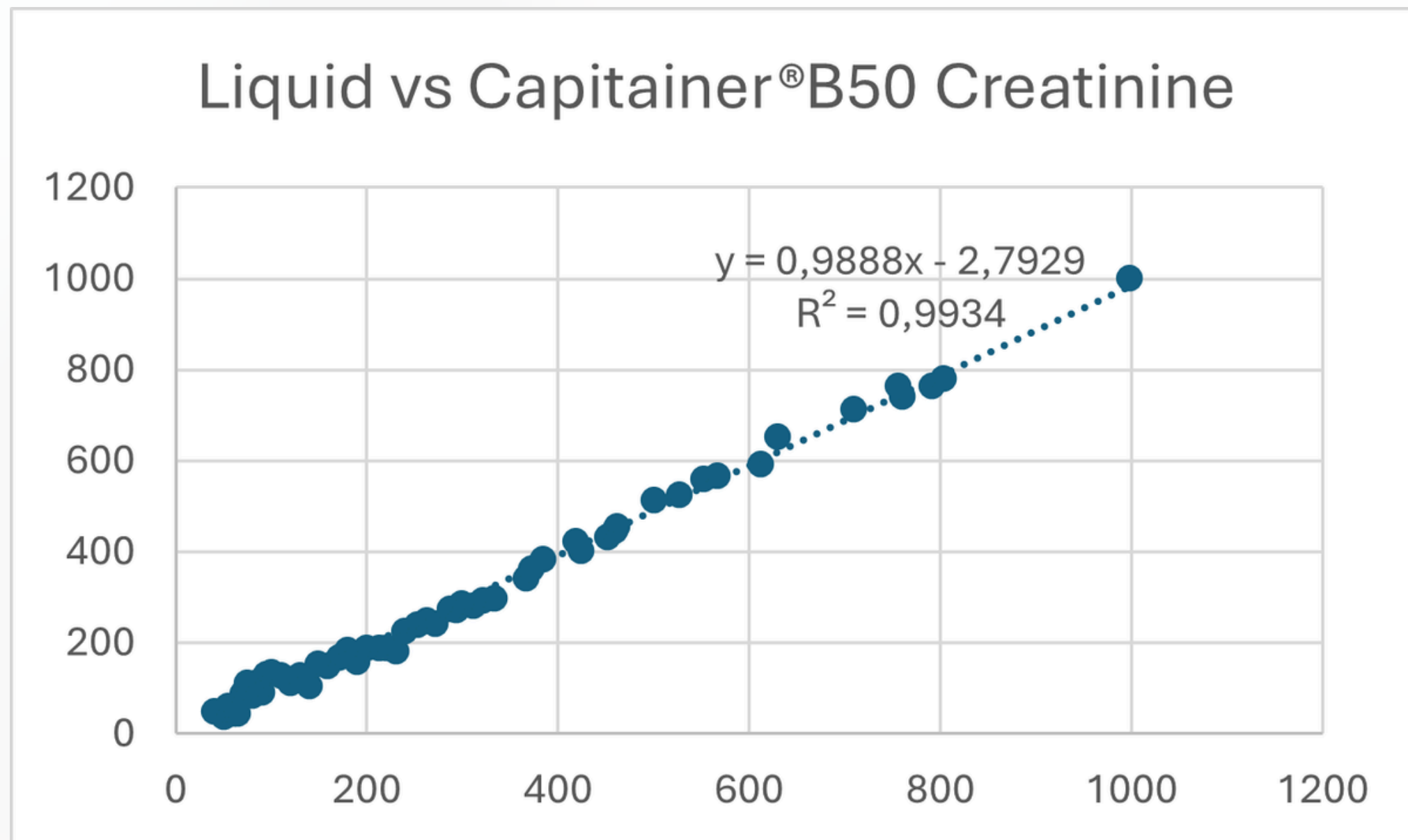
Flexible workflows:

- Easy Capitainer specific pre-analytical extraction protocols available
- Automation possible for card and liquid handling
- Primary workflows supported by Capitainer[®]B50 and B10, with DIP70 enabling complementary urine-based monitoring in CKD settings



 **Capitainer[®]**

Laboratory analysis from Capitainer®



55 Blood samples from hospital care were analyzed on cobas®Pro enzymatic creatinine assay as liquid samples (X) and after one day post being applied on Capitainer® cards (Y). A correction factor for matrix difference from a previous dataset was applied to the raw values.