



Supplementary Note: Creatinine correction of urinary N-Titin

Urine volume and composition are influenced by various physiological conditions, such as changes in kidney function, water and food intake, dehydration, sweating, physical activity, lifestyle, age, and sex. Therefore, it is generally recommended to normalize urinary N-titin concentrations using urinary creatinine (Cr) levels.

The Cr-corrected urinary N-Titin value is expressed as pmol/mg Cr.

$$\text{Creatinine-corrected urinary N-Titin (pmol/mg Cr)} \\ = \text{Urinary N-Titin (pmol/dL)} / \text{Urinary creatinine (mg/dL)}$$

Reference

Maruyama N. et al.

Establishment of a highly sensitive sandwich ELISA for the N-terminal fragment of titin in urine

Sci Rep., 2016. PMID: [27991570](https://pubmed.ncbi.nlm.nih.gov/27991570/)

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