

QC

[Biological Variation Values – Bio-Rad](#)

<https://tinyurl.com/biorad-tae>

Updated from data made available in 2014.
Source: <https://www.qcnet.com/Portals/0/PDFs/BVValues1Final.pdf>

Click on a column heading to sort by that column

Analyte	Sample	Biological Variation		Total Allowable Error			
		Within-subject	Between-subject	TEa (%) p<0.05	TEa (%) p<0.01		
Pyruvate	Blood	15.2	13	7.6	5	17.5	22.7
Pyridinoline/creatinine	Urine	19.4	23.6	9.7	7.6	23.6	30.2
Prothrombin, time	Plasma	4	6.8	2.0	2	5.3	6.6
Protein, total	Serum	2.75	4.7	1.4	1.4	3.6	4.6
Protein S	Plasma	5.8	63.4	2.9	15.9	20.7	22.7
Protein C	Plasma	5.8	55.2	2.9	13.9	18.7	20.6
Protein	Urine	35.5	23.7	17.8	10.7	40	52
Prostatic specific antigen (PSA)	Serum	18.1	72.4	9.1	18.7	33.6	39.7

My Interactive Biological Variation Table