

General information

Institution name	<Institution name>	
Test name	TSH	
Equipment, reagents	Beckman Coulter UniCell DxI 800, Access TSH 3rd	
Unit	μIU/mL	
Patient group	General group from 18 to 64 years old	
Data collection period	01.01.2018 — 01.01.2020	
Calculation date	28.03.2020 20:45	
a number of symbols after comma (for statistical parameters)	3 (decimal places)	
Sample characteristic::	Value:	Success criteria:
Total values:	23250	more than 1000 values
Calculated for:	14829	
Rejected numeric:	8421	at least 20% of the total
Rejected non-numeric:	408	
Z (from)	-1,96	
Z (before)	1,96	
Normalization iterations (cycles)	41	more than 5

Calculation results. Statistical parameters of the cleaned sample:

Mean:	1,550
Standard error of the mean:	0,005
Standard deviation:	0,600
Minimum value:	0,374
Maximum value:	2,726
Percentile 2.5:	0,489
90% CI for percentile 2.5 (lower):	0,475
90% CI for percentile 2.5 (upper):	0,503
Percentile 5:	0,585
Percentile 25:	1,084
Percentile 50 (median):	1,525
Percentile 75:	2,020
Percentile 95:	2,558
Percentile 97,5:	2,636
90% CI for 97.5 percentile (lower):	2,622
90% CI for 97.5 percentile (upper):	2,650

Total

Reference interval for:	TSH
Lower RI value:	0,489 (90% CI 0,475 - 0,503)
Upper RI value:	2,636 (90% CI 2,622 - 2,650)

The calculation was made automatically using the Reference Interval © E-source (<https://ref-int.ru/>). This resource is not responsible for the data provided in the unloading, for which the calculation was performed. Each obtained reference interval should be verified in at least 20 healthy patients to exclude possible sample heterogeneity.