



Free Testosterone ELISA

IMPROVED VERSION 2016-07



Improved Free Testosterone Serum ELISA

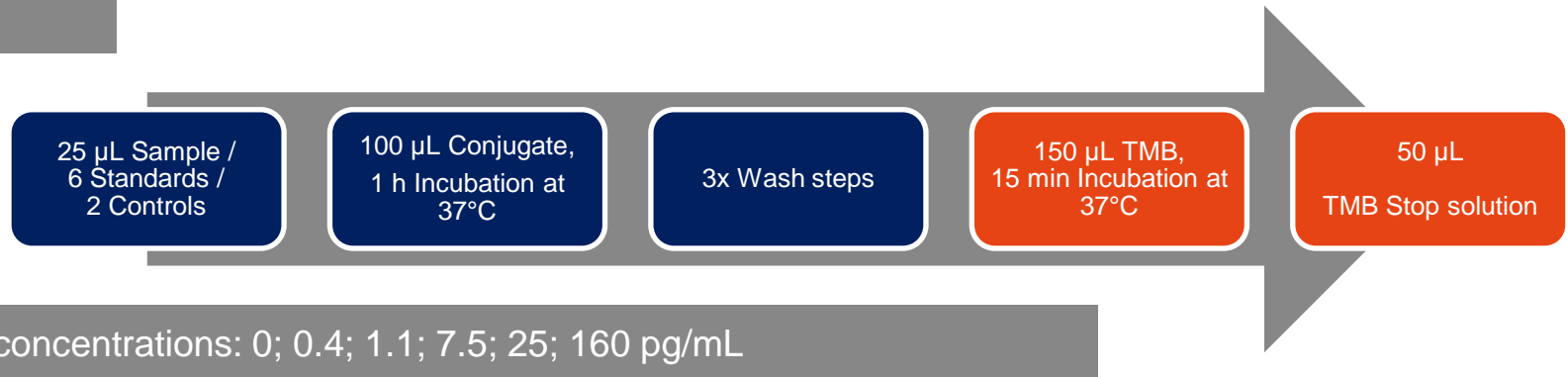
The improved version displays following features:

- No interference of heterophile antibodies anymore
- (Re)Calibration to the RIA Gold Standard Assay
- Clearly defined reference values related to age and gender
- Improved pipetting protocol
- Assay adapted on automated platforms

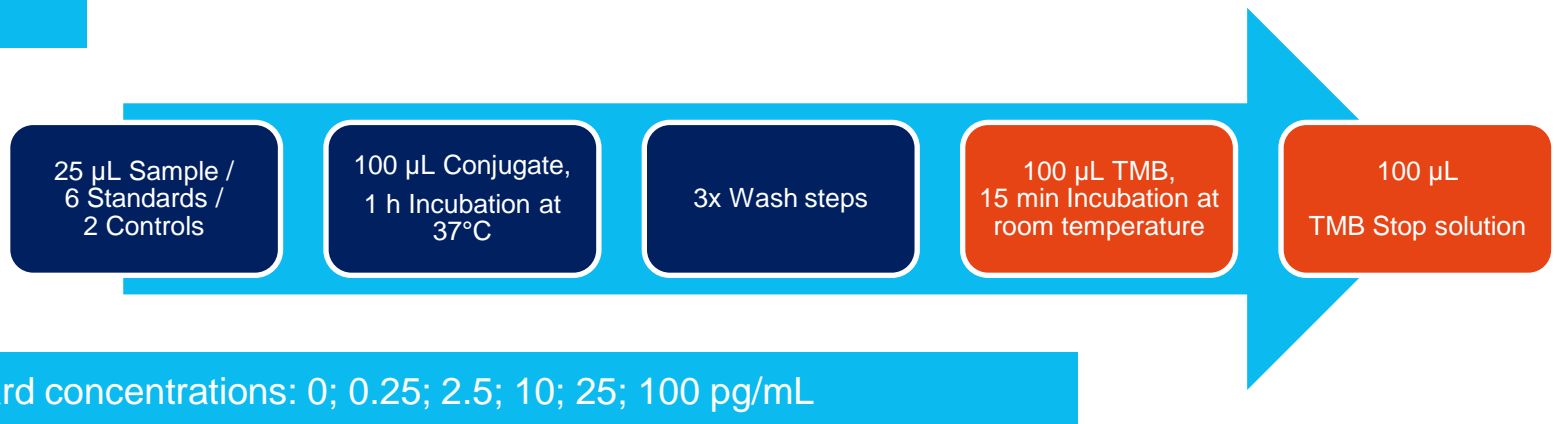
Order a Free Testosterone ELISA (DB52181) for free now!

Procedure Changes

Before

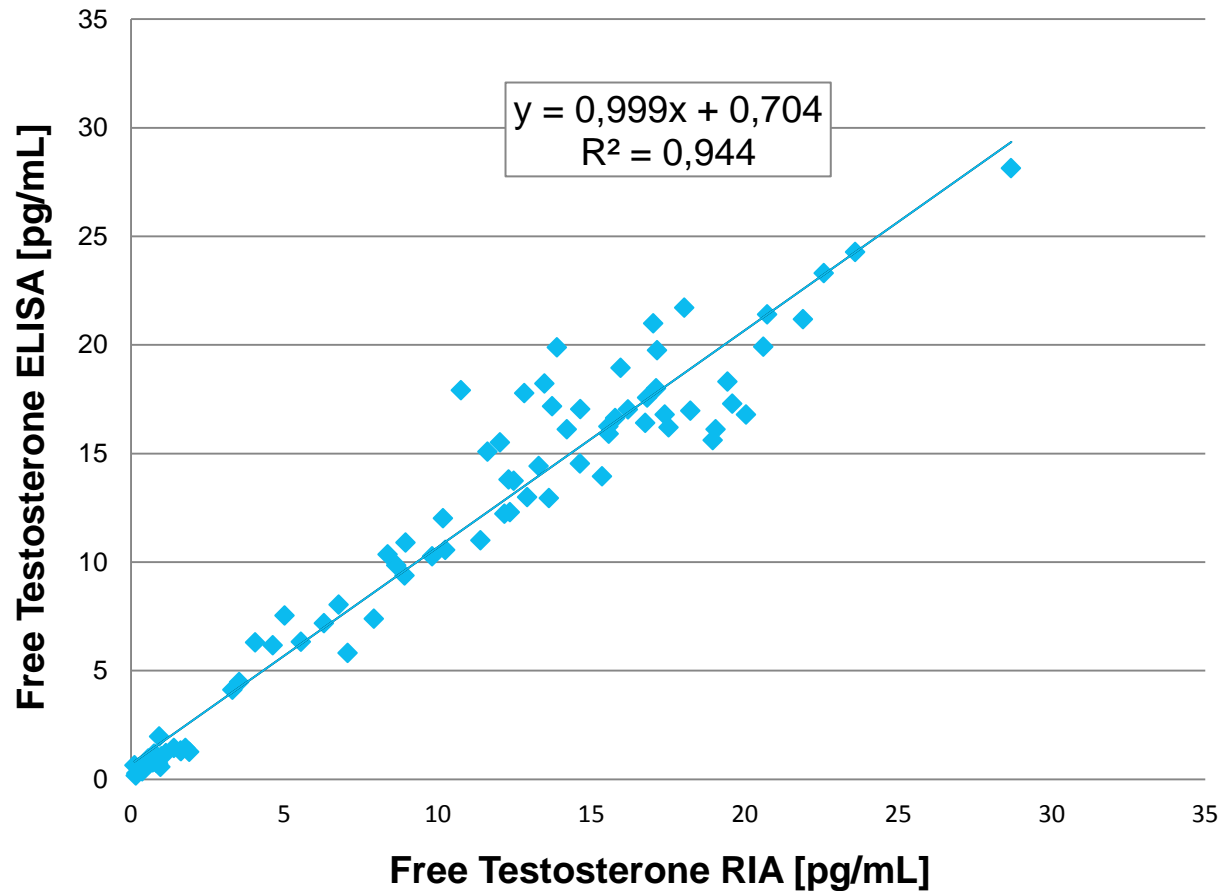


Now



Calibration to the Gold Standard

Free Testosterone ELISA DB52181
vs. Beckman RIA, n = 85 samples

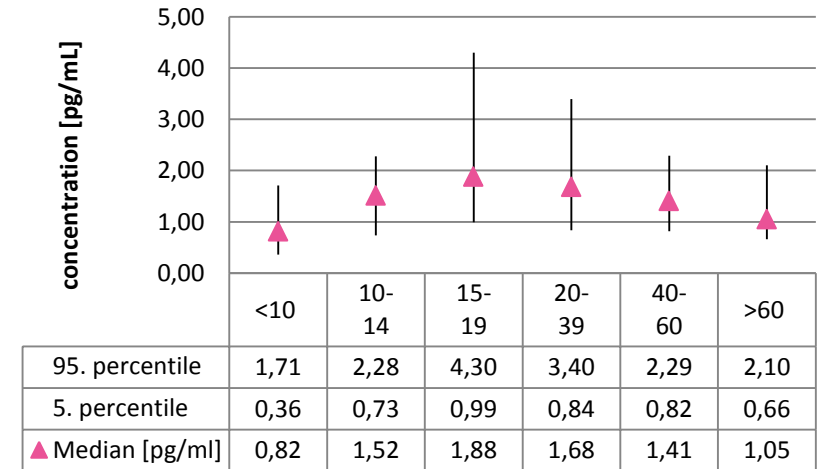


Clearly defined Reference Values

Female

Age	n	Median [pg/ml]	5.-95. percentile [pg/mL]	Absolute range [pg/mL]
<10	30	0.82	0.36 - 1.7	0.28 - 1.89
10-14	30	1.52	0.73 - 2.3	0.56 - 2.58
15-19	30	1.88	0.99 - 4.3	0.83 - 5.80
20-39	30	1.68	0.84 - 3.4	0.79 - 3.98
40-60	34	1.41	0.82 - 2.3	0.59 - 3.12
>60	25	1.05	0.66 - 2.1	0.27 - 2.33

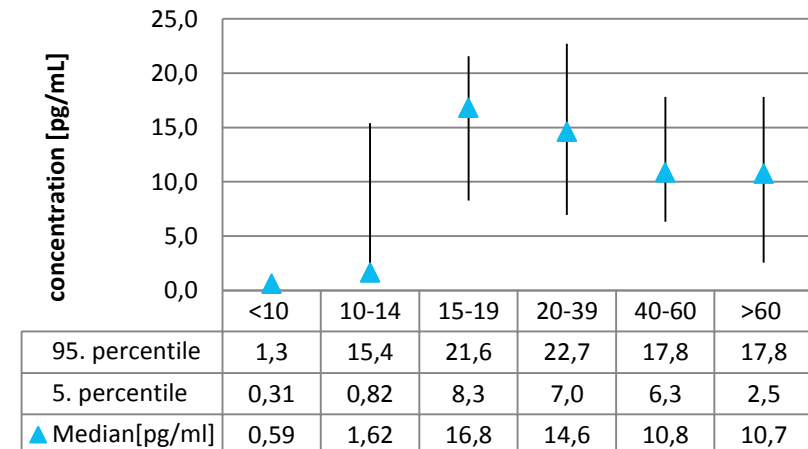
Female normal values, n=179



Male

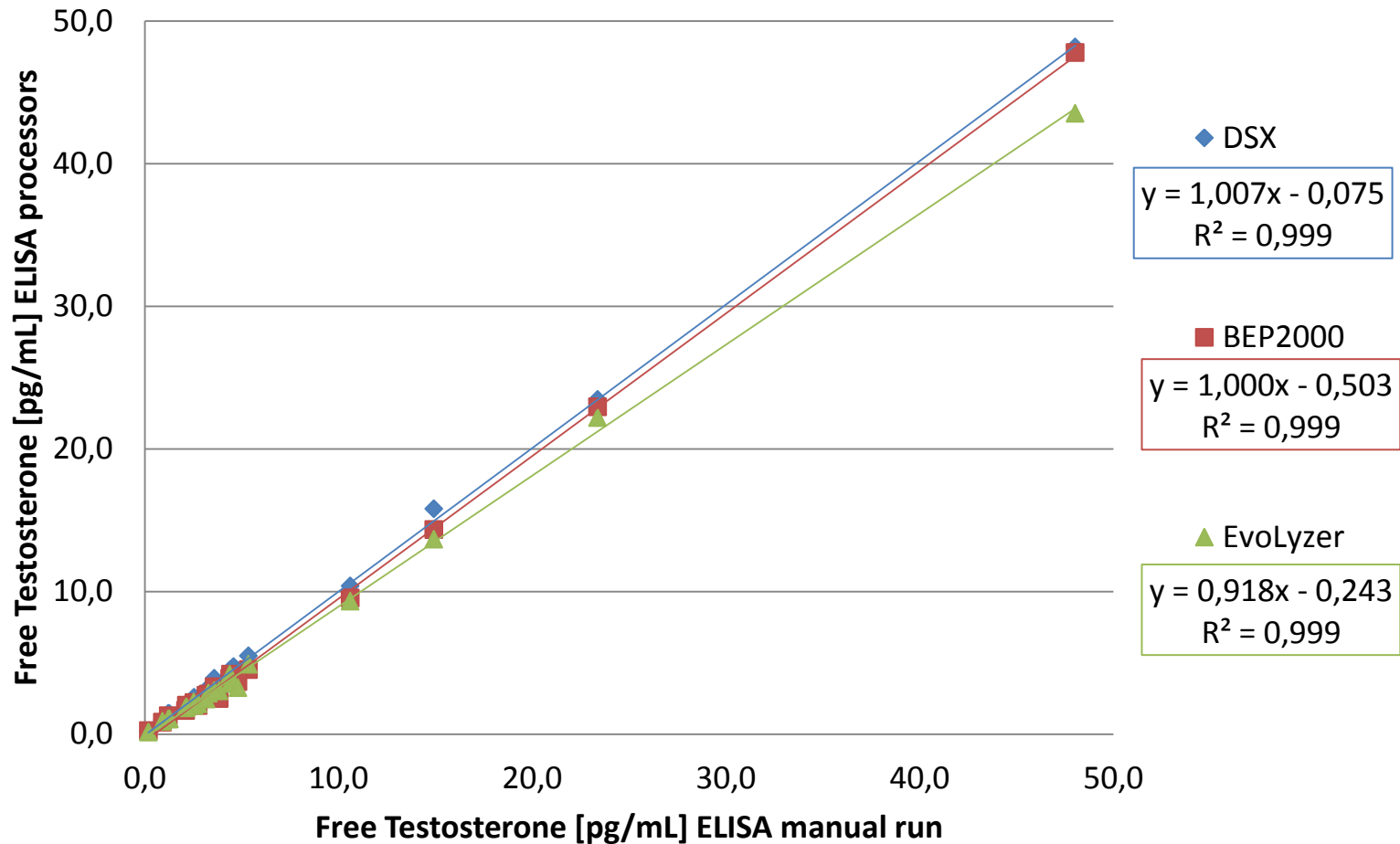
Age	n	Median [pg/ml]	5.-95. percentile [pg/mL]	Absolute range [pg/mL]
<10	30	0.59	0.31 - 1.3	0.16 - 1.7
10-14	30	1.62	0.82 - 15.4	0.67 - 18.0
15-19	27	16.8	8.3 - 21.6	2.3 - 23.3
20-39	32	14.6	7.0 - 22.7	2.9 - 28.1
40-60	32	10.8	6.3 - 17.8	5.8 - 21.0
>60	28	10.7	2.5 - 17.8	1.1 - 17.9

Male normal values, n=179



Automated procedure

Correlation manual run vs. different ELISA processors, N = 21



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- Improved pipetting protocol
- Assay adapted on automated platforms
- Changes effective starting with lot EFT125

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