

**Table S3.** Distribution of blood parameters after 4 weeks of gluten-free diet (T<sub>1</sub>) with test results between the gluten and placebo groups.

Parameter	Distribution of blood parameters, <i>M (SD)</i> <sup>1</sup>		<i>p</i>	<i>d</i> <sup>2</sup>
	Gluten group ( <i>n</i> = 15)	Placebo group ( <i>n</i> = 15)		
TSH [ $\mu$ IU/mL]	2.08 (0.87)	2.20 (1.27)	0.774	-0.11
FT4 [ng/dl]	1.27 (0.14)	1.34 (0.25)	0.337	-0.36
FT3 [pg/ml]	2.81 (0.34)	2.90 (0.33)	0.455	-0.28
Anti-TPO [IU/ml]	99.90 (88.0)	190.71 (165.7)	0.075	-0.69
Anti-TG [IU/ml]	215.05 (187.42)	222.93 (159.23)	0.902	-0.05
Glucose [mg/dl]	85.13 (6.16)	91.00 (6.55)	<b>0.018</b>	-0.92
ESR [mm/h]	3.0 (2.50 – 8.00)	3.00 (2.00 – 7.50)	0.640	0.09
CRP [mg/l]	0.60 (0.50 – 1.50)	0.50 (0.50 – 0.70)	0.206	0.24

TSH, thyroid-stimulating hormone; FT4, thyroxine; FT3, triiodothyronine; Anti-TPO, thyroid peroxidase antibodies; Anti-TG, thyroglobulin antibodies; ESR, erythrocyte sedimentation rate; CRP, C-reactive protein.

<sup>1</sup> For ESR, CRP the *Mdn (Q1 – Q3)* was reported;

<sup>2</sup> For ESR, CRP the *r* effect size was reported.