Table 5. Effects of brine mineral water (BMW) on the complete blood corpuscle count of blood, biochemical analysis, and immune response of the serum in the growing-finishing pigs (0 to 56 days)

Items	Diluted BMW in intake water (%)				SEM	*p*-value
	0	2	3	5		
Complete blood corpuscle count						
RBC ($\times 10^6$ cell/μL)	6.963^{c}	7.216^{bc}	7.593^{a}	7.296^{b}	0.085	0.006
HGB (g/dL)	13.033^{b}	13.872^{ab}	14.561^{a}	14.172^{a}	0.273	0.033
HCT (%)	38.100^{b}	39.311^{ab}	41.539^{a}	38.606^{ab}	0.859	0.139
MCV (fL)	54.689	54.494	55.183	55.222	0.724	0.899
MCH (pg)	18.767	19.317	19.294	19.322	0.423	0.765
MCHC (g/dL)	34.344	35.417	34.989	35.172	0.511	0.602
WBC ($\times 10^6$ cell/μL)	16.639	15.206	18.533	13.433	1.359	0.135
PLT ($\times 10^6$ cell/μL)	195.333	195.333	160.056	100.778	29.048	0.187
Biochemical analysis						
GLU (mg/dL)	95.389	96.333	103.527	95.167	2.473	0.181
CHOL (mg/dL)	93.444	85.111	98.833	96.111	4.071	0.196
HDL (mg/dL)	35.333^{a}	33.667^{ab}	36.000^{a}	28.333^{b}	1.563	0.054
LDL (mg/dL)	38.889	38.167	39.611	38.667	0.898	0.798
TG (mg/dL)	47.667	38.556	46.000	31.667	9.902	0.455
Serum immunoglobulins						
IgG (mg/dL)	383.167^{b}	437.111^{a}	429.556^{a}	409.500^{ab}	8.096	0.017
IgM (mg/dL)	102.889^{c}	138.778^{a}	121.778^{b}	126.722^{ab}	3.348	0.001

$^{a\text{-}c}$Means in the same row with different superscripts differ ($p < 0.05$)

RBC, red blood cell; HGB, hemoglobin; HCT, hematocrit; MCV, mean corpuscular volume; MCH, mean corpuscular hemoglobin; MCHC, mean corpuscular hemoglobin concentration; WBC, white blood cell; PLT, platelet; GLU, glucose; CHOL, total cholesterol; HDL, high-density lipoprotein cholesterol; LDL, low-density lipoprotein cholesterol; TG, triglyceride; IgG, immunoglobulin G; IgM, immunoglobulin M; SEM, standard error mean