

Table (5): Effect of raw and fermented wheat germ on serum liver function AST, ALT and ALP and kidney function Uric acid , Urea and Creatinine (mean +SD).

Groups	AST (U/L)	ALT (U/L)	ALP (IU/L)	Uric acid (mg/ dl)	Urea (mg/dl)	Creatinine (mg/dl)
1- Control Negative	62.77 ±1.80 c	29.45±0.99c	32.15±2.91 b	2.02 ±0.12 b	21.66 ±0.84 c	0.58 ±0.02 c
2- Control Positive	115.92 ±1.34a	65.55±1.01a	49.29±2.55 a	2.254 ±0.10 a	48.56 ±1.60 a	1.04 ±0.06 a
3-Raw wheat germ (5%)	95.88 ±1.61 ab	42.54±1.53b	35.43±2.07 b	1.95 ±0.14 b	23.53 ±0.67 c	0.59 ±0.03 c
4- Fermented wheat germ (5%)	80.68 ±1.43 b	40.23 ±1.55b	34.00±2.40 b	1.97 ±0.15 b	24.76 ±0.88 c	0.67 ±0.02 b
5- Raw Wheat germ (10%)	78.33 ±1.27 b	36.99±1.23bc	34.71±2.43 b	1.87 ±0.11 b	26.88 ±0.47 bc	0.61 ±0.04 c
6- Fermented wheat germ (10%)	71.88 ±1.61bc	35.54±1.53bc	33.68±2.65 b	1.99 ±0.09 b	29.53 ±0.67 b	0.67 ±0.04 b
7- Raw Wheat germ (15%)	70.29±1.95 bc	33.00±1.13bc	33.00±2.65 b	1.77 ±0.16 b	28.88 ±0.47 b	0.61 ±0.07 c
8- Fermented wheat germ (15%)	66.88 ±1.56 c	32.25±1.50bc	31.43±2.07 b	1.85 ±0.12 b	30.53 ±0.67 b	0.69 ±0.01 b