

Table 2 Serum levels of LCN2 in breast cancer patients

	N	LCN2 level (ng/ml)			p Value
		Mean	SD	Range	
All study subjects	82	50.7678	30.0805	1.2107-173.6355	
Diagnostic category					0.380
Benign	23	46.0696	21.5359	1.2107-94.9228	
Malignant	59	52.5994	32.7957	6.7757-173.6355	
Age					0.309
< 50	21	58.8988	37.3676	19.8955-172.4017	
≥50	38	49.8909	29.1847	7.1565-173.6355	
Lymph node					0.222
0	30	55.0507	31.6107	15.0699-173.6355	
≥1	19	44.9546	20.4712	6.7757-89.6794	
ER					<0.001
Negative	25	71.7205	38.5572	6.7757-173.6355	
Positive	34	38.5397	18.1252	7.1565-91.1795	
PR					0.012
Negative	34	60.8273	39.3651	6.7757-173.6355	
Positive	25	41.4094	15.5632	19.8955-91.9517	
HER2+					0.310
Negative	38	49.3465	30.716	7.1565-173.6355	
Positive	21	58.4856	36.2934	6.7757-172.4017	
Ki-67(%)					
≤14%	12	36.4494	17.4143	7.1565-61.7086	0.037
> 14%	39	56.1311	30.2191	15.1717-173.6355	
Molecular subtypes					
Luminal	35	38.5761	17.858	7.1565-91.1795	0.155
HER2+	11	73.2436	44.8249	6.7757-172.4017	0.080
TNBC	13	72.8863	34.7919	39.5762-173.6355	0.007