

**Table S1 : Effect of hydroalcoholic extract of *R. cordifolia* on Blood Glucose Level**

Groups	0 week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Group 1 Control	87.76±11.4	88.65±7.97	92.76±8.98	91.65±9.87	94.56±9.99	89.34±10.54	96.25±10.44	92.34±10.33	90.45±10.54
Group 2 STZ	89.8±9.38	385.45±11.44 <sup>a</sup>	396.33±10.44 <sup>b</sup>	403.32±9.55 <sup>c</sup>	388.76±8.87 <sup>d</sup>	412.65±9.76 <sup>e</sup>	418.33±9.76 <sup>f</sup>	408.43±10.44 <sup>g</sup>	414.22±9.11 <sup>h</sup>
Group 3 Standard	90.2±9.79	370.33±10.33 <sup>a</sup>	379.34±10.83 <sup>b</sup>	386.43±11.76 <sup>c</sup>	394.43±11.77 <sup>d</sup>	343.22±10.43 <sup>e</sup>	293.11±12.32 <sup>f</sup>	262.11±9.21 <sup>g</sup>	243.34±9.99 <sup>h</sup>
Group 4 Extract 200mg/kg	88.6±12.84	388.45±9.65 <sup>a</sup>	399.34±9.87 <sup>b</sup>	407.54±10.34 <sup>c</sup>	416.76±10.45 <sup>d</sup>	389.23±12.45 <sup>e</sup>	347.43±10.34 <sup>f</sup>	312.21±9.83 <sup>g</sup>	269.98± 9.73 <sup>h</sup>
Group 5 Extract 400mg/kg	86.9±14.89	386.54±9.1 <sup>a</sup>	403.65±8.65 <sup>b</sup>	415.76±9.8 <sup>c</sup>	421.69±10.23 <sup>d</sup>	395.46±9.38 <sup>e</sup>	352.35±8.6 <sup>f</sup>	324.87±7.87 <sup>g</sup>	281.62±10.76 <sup>h</sup>

Effect of hydroalcoholic extract of *R. cordifolia* on Blood Glucose Level. All data were calculated as the mean ± SD (n=8); <sup>a</sup>p<0.01 compared with group 1 (1<sup>st</sup> week); <sup>b</sup>p <0.01 compared with group 1 (2<sup>nd</sup> week); <sup>c</sup>p<0.01 compared with group 1 (3<sup>rd</sup> week); <sup>d</sup>p<0.01 compared with group 1(4<sup>th</sup> week); <sup>e</sup>p<0.01 compared with group 1 (5<sup>th</sup> week); <sup>f</sup>p<0.01 compared with group 1 (6<sup>th</sup> week); <sup>g</sup>p<0.01 compared with group 1 (7<sup>th</sup> week); <sup>h</sup>p<0.01 compared with group 1 (8<sup>th</sup> week).

**Table S2: Effect of hydroalcoholic extract of *R. cordifolia* on Body weight**

Groups	0 week	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Group 1 Control	199.67±9.95	194.8±6.75	201.3±22.6	215.7±17.3	230.4±4.61	242.7±11.15	256.8±22.7	262.4±13.62	277.5±15.72
Group 2 STZ	198.29±16.45	190.6±9.47	186.46±13.83	183.58±6.35	162.42±8.5	146.42±9.38	132.89±8.24	118.46±15.8	112.79±13.73
Group 3 Standard	206.89±11.6	199.67±8.88	191.85±9.78	181.99±8.99	158.89±7.75	164.87±8.98 <sup>a</sup>	177.66±9.65 <sup>a</sup>	189.54±12.76 <sup>a</sup>	194.52±10.75 <sup>a</sup>
Group 4 Extract 200mg/kg	205.97±8.34	196.76±8.98	196.75±9.67	187.88±9.1	166.43±7.99	171.54±8.65 <sup>a</sup>	185.65±7.88 <sup>a</sup>	191.22±8.43 <sup>a</sup>	195.75±7.5 <sup>a</sup>
Group 5 Extract 400mg/kg	203.56±18.49	198.65±9.87	189.76±9.12	180.44±8.67	162.39±8.41	175.65±8.98 <sup>a</sup>	184.79±8.65 <sup>a</sup>	192.8±7.87 <sup>a</sup>	209.31±7.55 <sup>a</sup>

Effect of hydroalcoholic extract of *R. cordifolia* on Body weight. All data were calculated as the mean ± SD (n=8);

<sup>a</sup>p<0.01 compared to the negative control group (weeks 5<sup>th</sup> 6<sup>th</sup> 7<sup>th</sup> 8<sup>th</sup>).