

Pillai JS, Ratheesh R, Padmakumaran Nair KG, Sanal Kumar MG, Thomson RJ. Evaluation of the anti-diabetic potential of aqueous extract of *Clerodendrum infortunatum* L. *in vivo* in streptozotocin-induced diabetic Wistar rats. *Plant Science Today* 2019;6(1):1-7.
<https://dx.doi.org/10.14719/pst.2019.6.1.415>

Supplementary Tables

S1. Blood glucose levels

Group	Day 0	Day 10	Day 20	Day 30	Day 40
I - Vehicle control	106.67±8.43ns	106.00±9.59***	102.33±4.37***	104.67±5.09***	101.67±4.63***
II - STZ only	291.33±12.26	282.33±22.28	266.17±24.36	263.00±25.51	256.50±26.19
III - STZ + Glibenclamide	289.83±9.24***	162.67±13.34***	146.50±15.31***	126.67±7.71***	113.17±7.99***
IV - STZ + CIE 200 mg/kg	274.17±24.05***	261.83±12.01ns	239.50±17.78*	250.33±9.77ns	231.33±12.48*
V - STZ + CIE 400 mg/kg	290.67±12.40***	250.67±6.59**	225.50±13.78***	215.67±12.88***	175.67±13.50***

Blood glucose levels of the animal during the period of study, blood sugar levels measured on an interval of 10 days. Values are Mean±SD, n=6 animals per group. *p<0.05, **p<0.01, ***p<0.001. All groups were compared to group II. STZ- Streptozotocin, CIE –*Clerodendrum infortunatum* extract.

S2. Serum Insulin

Group	Description	Insulin level µIU/mL
I	Vehicle control	3.37±0.56**
II	STZ only	0.18±0.08
III	STZ + Glibenclamide	2.65±0.58**
IV	STZ + CI extract 200 mg/kg	0.45±0.24ns
V	STZ + CI extract 400 mg/kg	1.18±0.39**

Values are Mean±SD, n=6 animals per group. *p<0.05, **p<0.01, ***p<0.001, ns-not significant. All groups were compared to group II. STZ- Streptozotocin, CIE –*Clerodendrum infortunatum* extract.

S3. Liver function biochemical parameters

Group	ALT (U/L)	AST (U/L)	ALP (U/L)	Bilirubin (mg/dL)
I - Vehicle control	42.00±2.68***	115.883±5.019***	115.83±8.82***	0.320±0.256***
II - STZ only	77.68±6.62	216.017±14.439	329.83±16.87	3.555±0.434
III - STZ + Glibenclamide	48.60±3.76***	142.417±9.901***	165.50±23.11***	1.283±0.124***
IV - STZ + CI extract 200	72.43±6.93ns	207.917±11.721ns	313.83±20.01ns	3.023±0.386
V - STZ + CI extract 400	64.98±6.92**	191.467±8.633**	248.67±11.83***	1.678±0.336***

Values are Mean±SD, n=6 animals per group. *p<0.05, **p<0.01, ***p<0.001, ns-not significant. All groups were compared to group II . STZ-Streptozotocin, CI –*Clerodendrum infortunatum*.