

Table 1 Total RNA extracted from different tissues of *Polygonatum cyrtoneuma* Hua using different methods

Extraction method	Sample site	OD_{260}/OD_{280}	OD_{260}/OD_{230}	RNA yield ($\mu\text{g/g}$)
CTAB-sopropanol method	Leaf	1.35	0.35	29.4
	Rhizome	1.97	1.13	20.2
	Flower	1.89	1.72	163.1
	Stem	2.05	1.68	38.2
CTAB-LiCl method	Leaf	2.09	2.13	38.4
	Rhizome	2.09	2.09	19.5
	Flower	2.08	2.25	114.2
	Stem	2.00	1.01	30.8
Hot Phenol Method	Leaf	1.88	2.24	149.9
	Rhizome	2.06	2.32	21.4
	Flower	2.08	2.38	279.0
	Stem	2.05	2.39	106.4
Trizol protocol	Leaf	1.82	1.14	22.9
	Rhizome	1.73	0.96	39.3
	Flower	2.01	2.17	173.4
	Stem	1.73	0.68	12.9
Tiangen RNAPrep pure plant kit	Leaf	2.07	0.92	51.2
	Rhizome	2.09	0.77	24.0
	Flower	2.10	1.13	63.1
	Stem	2.12	0.86	19.6
Improved hot phenol method	Leaf	1.93	1.81	185.7
	1-year-old rhizome	2.03	1.97	83.5
	2-year-old rhizome	1.98	2.00	80.4
	3-year-old rhizome	1.94	2.09	79.1
	Flower	1.91	2.13	129.6
	Stem	1.89	1.80	77.2