

表 2 不同方法提取多花黄精总 RNA 纯度和得率差异显著性

Table 2 Total RNA extracted from different tissues of *Polygonatum cyrtonema* Hua using different methods

提取方法 Extraction method	OD_{260}/OD_{280} 均值 OD_{260}/OD_{280} mean	OD_{260}/OD_{230} 均值 OD_{260}/OD_{230} mean	RNA 平均得率($\mu\text{g/g}$) Average RNA yield ($\mu\text{g/g}$)
CTAB-异丙醇法 CTAB-sopropanol method	1.82	1.22 ^{\$}	62.73
CTAB-LiCl 法 CTAB-LiCl method	2.07 ^{△▲}	1.87 [※]	50.73
热酚法 Hot Phenol method	2.02	2.33 ^{*△※※▲}	139.18
Trizol 法 Trizol protocol	1.82 ^{#※}	1.24 ^{\$}	62.13
天根试剂盒法 Tiangen RNAPrep pure plant kit	2.10 ^{△▲}	0.92 ^{##\$▲▲}	39.48 [▲]
改良热酚法 Improved hot phenol method	1.93 ^{##※※}	1.94 ^{\$※※}	118.37 [※]

注: *: 与 CTAB-异丙醇法比较; #: 表示与 CTAB-LiCl 法比较; \$: 与热酚法比较; △: 与 Trizol 法比较; ※: 表示与试剂盒法比较; ▲: 表示与改良热酚法比较; 一个符号表示 $p<0.05$ 为显著差异; 两个重复符号表示 $p<0.01$ 为极显著差异

Note: *: compared with CTAB-sopropanol method; #: compared with CTAB-LiCl method; \$: compared with hot phenol method; △: compared with Trizol protocol; ※: compared with Tiangen RNAPrep pure plant kit; ▲: compared with improved hot phenol method; Single symbol shows significant difference, $p<0.05$; Two repeating symbols show highly significant difference, $p<0.01$