

## peqGOLD Plant RNA Kit

Efficient RNA isolation from a wide range of plant species and plant tissue

Effectively removes genomic DNA, polysaccharides, phenol and other secondary metabolites

### PRODUCT HIGHLIGHTS

- Suitable for extractions from samples with phenol or polysaccharide content
- Ideally suited for the simultaneous processing of multiple samples
- 'DNA Removing' columns for efficient separation of DNA and cellular debris
- No need for organic extractions
- Immediate inactivation of endogenous and exogenous RNases
- Favoured binding of RNA molecules > 200 bases
- Efficient separation of enzyme inhibitors and contaminants
- Final elution in RNase free water
- Excellent  $A_{260}/A_{280}$  absorption ratio between 1.8 and 2.0
- Directly suitable for downstream applications

### PERFORMANCE PLANT RNA KIT

- Protocol time: < 60 min
- Elution volume: 50 – 100 µl
- Column volume: 0.75 ml
- Binding capacity: 100 µg/column
- For up to  $1 \times 10^2$  to  $2 \times 10^7$  cells/column or 10 to 100 mg tissue/column

### KIT COMPONENTS

- PerfectBind RNA columns (Safety Line)
- 'DNA Removing' columns
- Collection tubes
- RNA lysis Buffer P and T
- RNA Wash Buffer I and II
- RNase free water

PRODUCT	DESCRIPTION	YIELD	PREPS	CAT. NO.
peqGOLD Plant RNA Kit (Safety Line)	RNA from up to 100 mg plant material	up to 100 µg	5	12-6627-00
			50	12-6627-01
			200	12-6627-02