

NEW

mRNA***dembeads*** ***purification kit***

From Total RNA

From Cells

From Whole Blood

From Tissues

From Plants

**Detect low level
of mRNA**

**No elution required:
RT-PCR compatible**

**Low rRNA
contamination**

Fast system:
less than 20 min

High yield

High purity

No mRNA degradation

No DNA contamination

Easy to handle

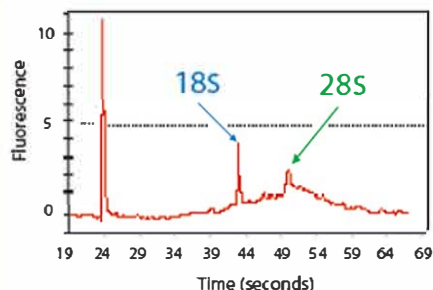
ademtech

mRNA purification

Save benefits of superparamagnetic nanoparticles

High purity

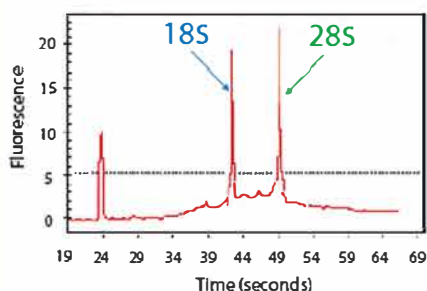
A mRNAdembeads purification kit



High-quality mRNA

- ✓ Low rRNA contamination
- ✓ No RNA degradation

B Other magnetic beads supplier



mRNA purified with Ademtech (A) and another magnetic beads supplier (B)

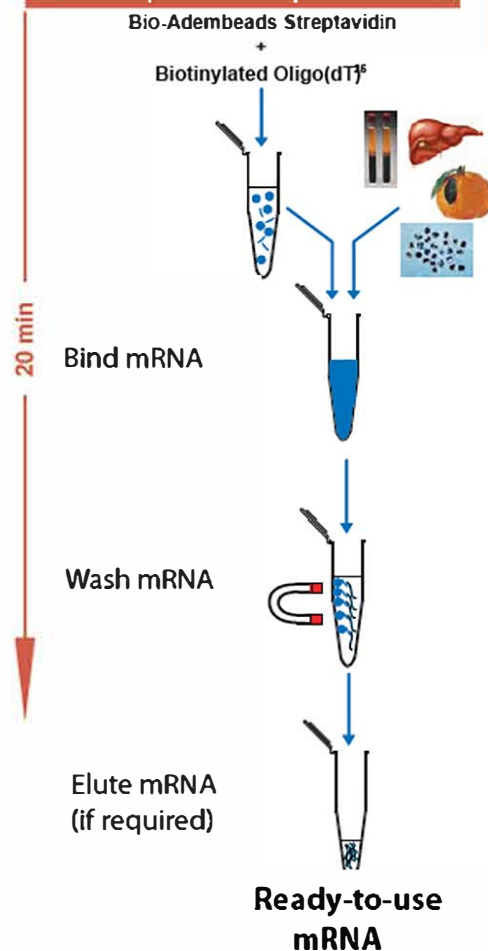
mRNA (from pulmonary epithelial cells S9 Total RNA) was analyzed on the Agilent 2100 Bioanalyzer

Scalability:

Linear recovery

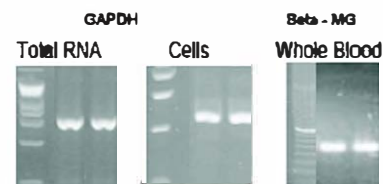
	In microplate	In microtube
Total RNA	0,06-25µg	0,3 - 10 ³ µg
Cultured Cells	50-10 ⁵ cells	100-10 ⁶ cells
Whole blood	5-25µl	5-200µl

mRNA purification procedure



Typical results

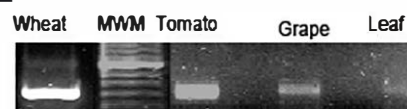
A Total RNA, Cells, Whole Blood : RT-PCR



B Animal Tissues: RT-PCR - Acetyl-CoA carboxylase



C Plant Tissues : RT-PCR -

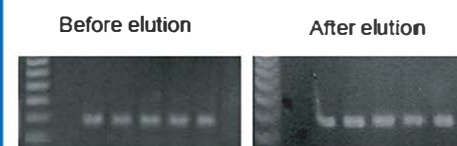


RT-PCR with the beads

A high-level expression: GAPDH (glyceraldehyde 3-phosphate 3 dehydrogenase)



B low-level expression: ALD (adrenoleukodystrophy)



mRNA was purified from embryonic kidney cells 293 Total RNA

Nucleo-Adembeads

Product

Size

Code Number

mRNAdembeads purification Mini kit

25 isolations
(each from 100µg total RNA)

06011

mRNAdembeads purification Midi kit

50 isolations
(each from 100µg total RNA)

06012

mRNAdembeads purification Maxi kit

10 isolations
(each from 1mg total RNA)

06013

NEW Direct mRNAdembeads purification kit

30 isolations
(each from up to 1 million cells, 200µl whole blood)

06021

96 mRNAdembeads isolation kit

1 x 96
(each from total RNA, cultured cells or whole blood)

06031

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ISO 9001 Certified

ADEMTECH SA

Parc Biogalien

27 Allée Charles Darwin - 33600 Pessac - France Tel: +33

(0)5 57 02 02 00 - Fax: +33 (0)5 57 02 02 06

E-mail: ademtech@ademtech.com - www.ademtech.com