### mRNAの精製

**Isolation of total RNA from cells or tissue**

- **RT-PCR**、**ノーザン、qRT-PCR**
  - Up to 10 mg of tissue or 5 × 10^5 cells
  - Up to 80 mg of tissue or 5 × 10^6 cells
- **No Northern, qRT-PCR**
  - Up to 30 mg of tissue or 5 × 10^5 cells
  - Up to 80 mg of tissue or 5 × 10^6 cells

**Purification of mRNA**

- **RT-PCR, ノーザン, qRT-PCR**
  - 10-100 µg
  - 70-100 µg
  - 10-50 µg
- **No Northern, qRT-PCR**
  - < 30 ng/µg prep
  - < 80 ng/µg prep

**Isolation of total RNA from cells or tissue**

- **Caesium Trifluoroacetate (17-Omm-7-02)**
  - 10 g tissue/100 ml

**mRNAの精製**

- **QuickPrep Micro mRNA Purification Kit (27-9254-01)**
  - 10-100 ng tissue or 5 × 10^5 cells

**Purification of mRNA from cells or tissue**

- **QuickPrep mRNA Purification Kit (27-9254-01)**
  - 0.1 g tissue or 5 × 10^6 cells

**Purification of mRNA from cells or tissue**

- **mRNA Purification Kit (27-9254-01)**
  - 0.5 g tissue or 5 × 10^6 cells

**Purification of mRNA from cells or tissue**

- **Oligo(dT)-Cellulose Type 7 (27-565-01)**
  - Up to 4 µg poly(A)/1 g of cell

**Desalting of oligonucleotides**

- **MicroSpin G-25 Columns (27-5325-01)**
  - 100 ~ 150 µl of deproteinized solution

**Desalting of oligonucleotides**

- **HAP Columns (17-0852, 17-0853, 17-0856-01, 02, 03)**
  - Concentration ≤ 1 mg/ml/0.5 ~ 2.5 ml

**Desalting of oligonucleotides**

- **Sephadex G-25 DNA Grade SF (17-0572-02)**
  - Varies

**オゾニクレオチドの増幅・バッファー交換**

- **MicroSpin G-25 Columns (27-5325-01)**
  - 10 ~ 50 µl

**オゾニクレオチドの増幅・バッファー交換**

- **AutoSeq (25-0340-01, -02, -03)**
  - 25 ~ 50 µl prior to subsequent PCR or cloning 51 ~ 100 µl prior to sequencing

**PCR産物の増幅・オリゴマークレオチドの増幅・DNAフラグメントの増幅・バッファー交換**

- **MicroSpin G-25 Columns (27-5325-01)**
  - 25 ~ 50 µl

**PCR産物の増幅およびDNAフラグメントの増幅**

- **MicroSpin G-25 Columns (27-5325-01)**
  - 10 ~ 100 µl

**Desalting of oligonucleotides**

- **nuclease-free 300-µl reaction volume**
  - 100 µl reaction; 300 mg agarsose per microfuge tube

**Purification and concentration of PCR products**

- **nuclease-free 300-µl reaction volume**
  - 100 µl reaction; 300 mg agarsose per microfuge tube

**Purification and concentration of PCR products**

- **nuclease-free 300-µl reaction volume**
  - 100 µl reaction; 300 mg agarsose per microfuge tube