



ISOLATION OF RNA FROM RAT LIVER

Altana Pharma AG, Germany

/ CONTEXT

In toxicogenomics application field, the molecular biology laboratory of the company Altana Pharma AG is using the **Precellys®24** to isolate RNA for subsequent gene expression profiling using micro arrays and quantitative real time PCR.

/ MATERIALS

- Precellys®24.
- Precellys® kit CK28 (big ceramic beads).
- Sample : 30 mg of rat liver previously stored in RNAlater (Ambion) at -20°C.
- Buffer : 600µl RTL buffer (RNeasy Mini Kit, Qiagen).

/ PROTOCOL

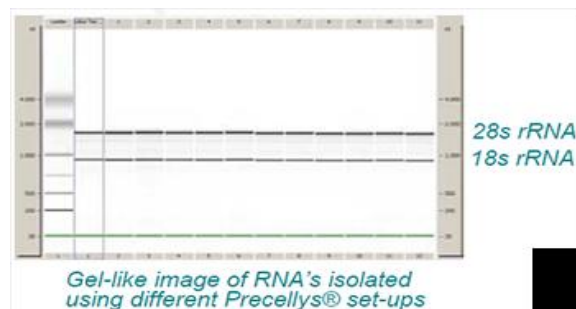
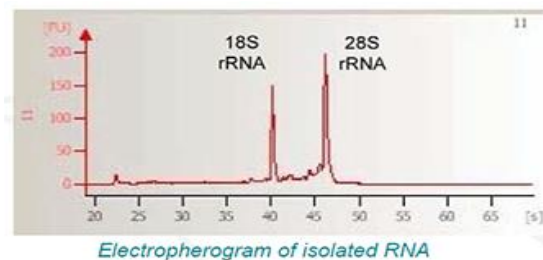
Precellys®24 parameters: 5000rpm, 2x10 sec., 10 sec. Break.

/ CONCLUSION

The **Precellys®24** is an ideal tool for the lysis of rat liver for subsequently isolating RNA. Particularly for higher numbers the Precellys® is superior to the formerly used mechanical blender, regarding time consumption and reproducibility.

/ RESULTS

The Precellys® application center is the dedicated area to access all scientific documents related to Precellys® range of products



/ CUSTOMER

