

# FFPE RNA PURIFICATION

**NORGEN**  
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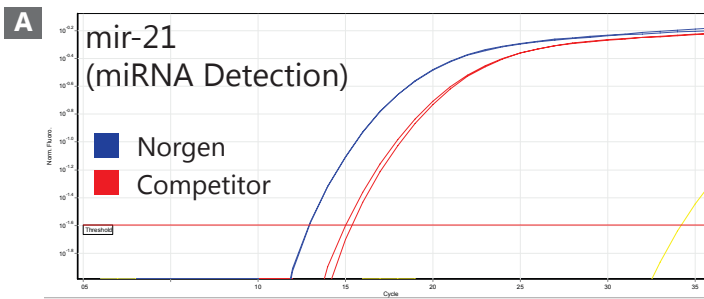


## Product Features

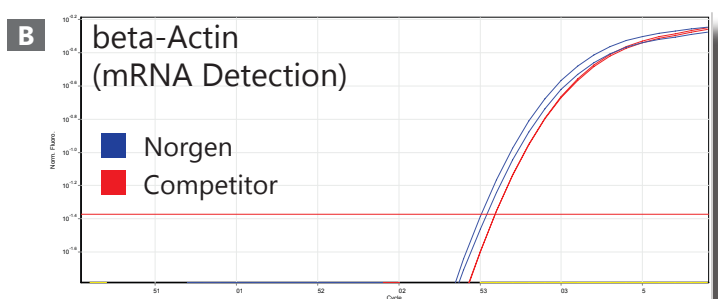
- ✓ Isolate all RNA, including miRNA from FFPE slices and sections
- ✓ Isolated RNA is of high integrity and ready for any downstream application
- ✓ Allows for the partial reversing of the formalin modifications, resulting in a high quality and yield of RNA
- ✓ Recover both fragmented and fully intact RNA if present in the sample (no bias for fragmented species)

For the rapid isolation and purification of total RNA (including microRNA) from FFPE tissue samples.

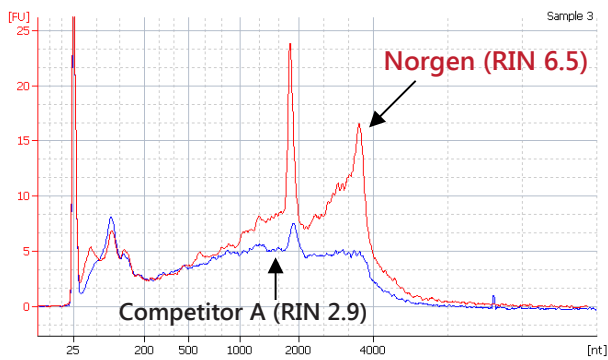
## Excellent miRNA Recovery



## Recover Large RNA Species



## Higher RNA Integrity



## High Quality RNA Enabling:

RNA-Seq

Nanostring

qRT-PCR

Small RNA  
Sequencing

Microarrays

High Density  
PCR

**NORGEN**  
BIOTEK  CORP.  
The Sample Preparation Experts

[www.norgenbiotech.com](http://www.norgenbiotech.com)  
ISO 13485:2003, ISO 9001:2008,  
ISO 15189:2012 Registered

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## Selected Publications

Publication Title	Authors	Journal	Year
A phase II and pharmacodynamic study of sunitinib in relapsed/refractory oesophageal and gastro-oesophageal cancers	C Wu, S Mikhail, L Wei, C Timmers, S Tahiri, A Neal, J Walker, S El-Dika, M Blazer, J Rock, D J Clark, X Yang, J L Chen, J Liu, M V Knopp and T Bekaii-Saab	British Journal of Cancer	2015
MiR-205 and MiR-375 MicroRNA Assays to Distinguish Squamous Cell Carcinoma from Adenocarcinoma in Lung Cancer Biopsies	Patnaik, Santosh, Mallick, Reema, Kannisto, Eric MS, Sharma, Rohit, Bshara, Wiam, Yendamuri, Sai M, Dhillon, Samjot Singh	Journal of Thoracic Oncology	2015
LMP1-deficient Epstein-Barr virus mutant requires T cells for lymphomagenesis	Shi-Dong Ma, Xuequn Xu, Julie Plowshay, Erik A. Ranheim, William J. Burlingham, Jeffrey L. Jensen, Fotis Asimakopoulos, Weihua Tang, Margaret L. Gulley, Ethel Cesarman, Jenny E. Gumperz and Shannon C. Kenney	The Journal of Clinical Investigation	2014
Robust global microRNA expression profiling using next-generation sequencing technologies	Tam S, Borja R, Tsao M, and McPherson J.	Laboratory Investigation	2014
Factors affecting the yield of microRNAs from laser microdissectates of formalin-fixed tissue sections	Patnaik SK, Kannisto E, Yendamuri S.	BMC Research Notes	2012
Nucleic acids from long-term preserved FFPE tissues are suitable for downstream analyses	Ludyga N, Grönwald B, Azimzadeh O, Englert S, H?fler H, Tapio S, Aubele M.	Virchows Arch	2012
Overexpression of the Lung Cancer-Prognostic miR-146b MicroRNAs Has a Minimal and Negative Effect on the Malignant Phenotype of A549 Lung Cancer Cells	Patnaik S, Kannisto E, Mallick R, Yendamuri S.	PLOS ONE	2011

## Ordering Information

Description	Prep Size	Cat. Number
FFPE RNA Purification Kit	50 preps	25300
FFPE RNA Purification 96-Well Kit	2 x 96-well	25400
FFPE RNA/DNA Purification Plus Kit	50 preps	54300

v5.1

