

## Sample Submission Form

### SmartChip Services

Please check which panel samples to be run:

Oncology Panel \_\_\_\_\_ miRNA Panel \_\_\_\_\_

### Sample Requirements

#### The SmartChip Human Oncology Panel:

- Currently FFPE is not accepted for Oncology Panel
- Quantity: 1 – 1.5µg total RNA per sample
- Concentration: at least 50ng/µl in nuclease free water
- OD260/280: 1.8-2.2
- RIN: ≥ 8 (preferably) for RIN ≤ 8 contact us
- Recommended extraction method: trizol or any commercially available extraction kit

#### The SmartChip Human MicroRNA Panel:

- FFPE samples are accepted for miRNA Panel
- Quantity: 1 – 1.5µg total RNA per sample
- Concentration: at least 50ng/µl in nuclease free water
- OD260/280: 1.8-2.2
- Recommended extraction method: trizol, Qiagen miRNeasy kit (P/N 217004), or Ambion mirVana kit (P/N AM1560). Do not enrich for miRNA to avoid preferential enrichment

### Submission Guidelines

- Please fill out the attached sample manifest and email a copy to [SmartChipServices@wafergen.com](mailto:SmartChipServices@wafergen.com).
- Samples should be aliquoted in 1.5mL centrifuge tubes and labeled. The tubes should be shipped on dry ice over night via FedEx to the address below. Do not ship for arrival on weekends or holidays.
- Once samples are shipped please forward us the tracking number so we can have a record of the shipment.
- We will email confirm receipt of the samples once we receive the shipment.

## Shipping Address:

Attn: Kee Wong, Wafergen Biosystems, SmartChip Services

7400 Paseo Padre Pkwy, Fremont, CA 94555

Phone: (650) 228-3650

## Please provide contact and order information:

Customer Information	Billing Information
Name:	Name:
Institution:	Institution:
Department:	Department:
PO Box:	PO Box:
Street Address (for shipping):	Street Address:
City: Zip:	City: Zip:
Country:	Country:
Phone:	Phone:
Fax:	Fax:
Email:	Email:
Principal Investigator:	
Purchase Order Number:	

## Please provide information about your samples:

Sample Type	Sample Description
Total RNA	Fresh/Frozen
FFPE	Tissue Type: RNA extraction method:

**Previous results on what platform?**

Real-time PCR: 96 or 384-well plate \_\_\_\_\_  
 TaqMan® Low Density Array (TLDA) \_\_\_\_\_

Microarray: Manufacturer \_\_\_\_\_

Other: Vendor \_\_\_\_\_

**Analysis Provided:**

Ct mean, Ct SD, Tm mean, Tm SD, sample summary report, up/down differential expression visualization.

Data can be exported in CSV, XML format for further analysis

Please select the controls and method that you would like the data normalized to:

Exogenous Controls	MiRNA Panel	Oncogene Panel
WGBS-YCF1	SNORD24	TFRC-1
WGBS-YCF2	SNORD58A	GAPDH-2
WGBS-YCF3	SNORD44	TAF10
WGBS-YCF4	SNORD38B	GUSB
WGBS-YCF5	SNORD43	TAF11
WGBS-YCF6	SNORD54	HPRT
	SNORD48	PPIA
	SNORA66	HMBS
	SNORA74A	ACTB
	SNORD49A	B2M
	SNORD7	

**Normalization Method**

Select preference from below:

Average of 3 conservatively expressed gene \_\_\_\_\_

Average of 5 endogenous genes \_\_\_\_\_

All means of all expressed genes \_\_\_\_\_

Thank you for your business. Please direct any questions to Kee Wong.

[SmartChipServices@wafergen.com](mailto:SmartChipServices@wafergen.com)

Phone: 510.473.3887

Submit via Email

Print and FAX