

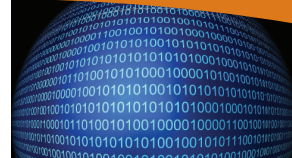
# OHSU Research Cores and Shared Resources

## Gene Profiling Shared Resource

A Unit of the Integrated Genomics Laboratory

OHSU cores are your campus technology partners dedicated to the success of your project. For optimal results, take advantage of the state-of-the-art scientific resources within the OHSU community.

[www.ohsu.edu/cores](http://www.ohsu.edu/cores)



## High-Throughput Automated DNA and RNA Isolation Service at OHSU!

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### The Instrument Platform:

- ▶ The QIA Symphony SP isolation robot allows for rapid isolation of up to 96 samples per day using magnetic bead based technology. The platform is suitable for a variety of sample types, including blood, saliva, cultured cells and cell-free circulating DNA (ccfDNA). The system offers consistency and reproducibility all with the added benefit of lower costs compared with manual isolation methods.

### Sample Types:

- ▶ Whole Blood or Buffy Coat
  - ▶ DNA PAXgene, purple top, yellow top, green top
  - ▶ RNA PAXgene
- ▶ Saliva
  - ▶ DNA Genotek sputum collection vials
- ▶ FFPE
  - ▶ RNA
  - ▶ DNA
- ▶ Cultured cells and Tissue Specimens
  - ▶ RNA
- ▶ Circulating cell-free from plasma and urine
  - ▶ DNA

### Services Offered\*:

- ▶ 1ml blood DNA isolation, \$12 per sample (includes UV measurements)
- ▶ RNA Isolation from blood (PAXgene tubes), \$16 per sample (includes UV measurements)
- ▶ RNA Isolation of 1-3 10uM sections of FFPE tissue \$16 per sample (includes UV measurements)
- ▶ RNA isolation from up to  $3 \times 10^6$  cells or up to 30mg of tissue, \$12 per sample (\$22 per sample includes UV measurement and Bioanalyzer assessment). Sample pre-processing for an additional fee. Support for other tissues and biofluids is possible. Please come to us for more information.

\*Please note minimum sample numbers are required for high-throughput pricing, and prices are subject to adjustment.

For more information about the high-throughput DNA and RNA isolation service, please visit the Gene Profiling Shared Resource (GPSR) website ([www.ohsu.edu/gene-profiling-shared-resource](http://www.ohsu.edu/gene-profiling-shared-resource)) or contact Britt Daughtry at [daughtry@ohsu.edu](mailto:daughtry@ohsu.edu).