

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



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

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The Instrument Platform:

- ▶ The QIASymphony 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, \$10 per sample (includes UV measurements)
- ▶ 2ml saliva DNA isolation, \$16 per sample (includes UV measurements)
- ▶ 1-3 10uM sections of FFPE tissue \$16 per sample (includes UV measurements)
- ▶ RNA isolation from up to 3×10^6 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.

*Please note minimum sample numbers are required for high-throughput pricing.

For more information about the high-throughput DNA and RNA isolation service, please visit the Gene Profiling Shared Resource (GPSR) website (www.ohsu.edu/gpsr) or contact Trevor McFarland at mcfarlat@ohsu.edu.