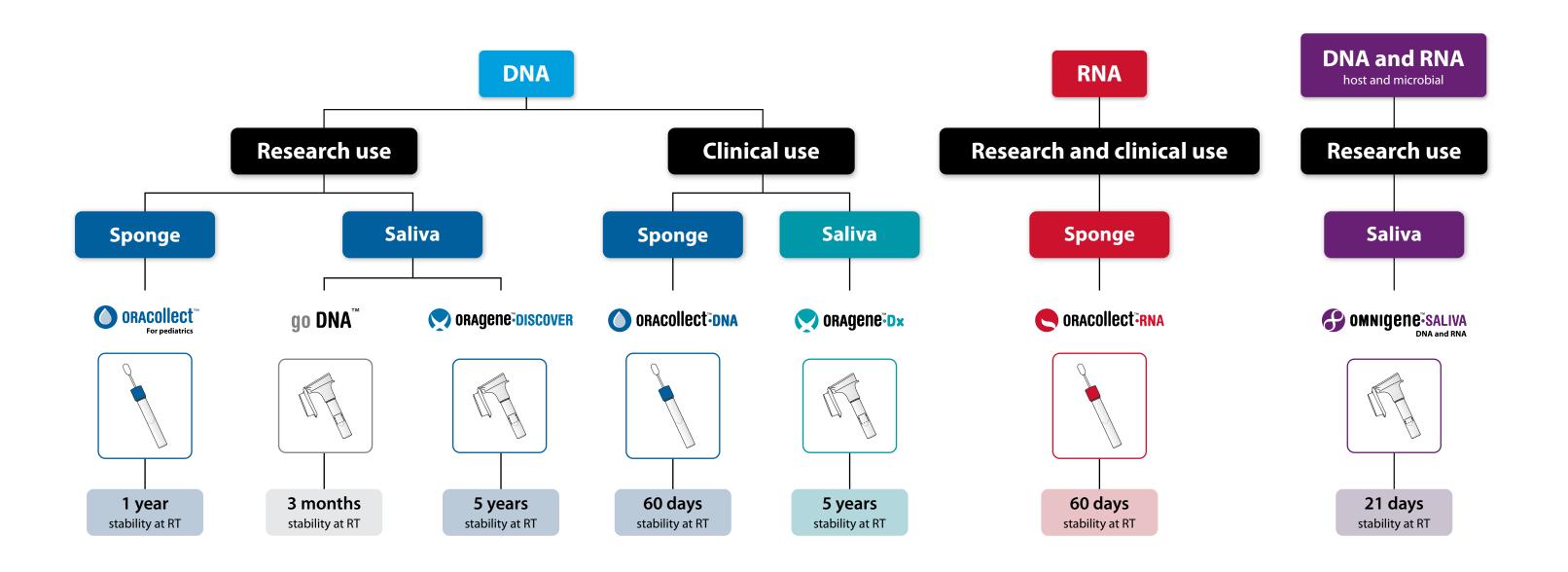
# **DNAgenotek**<sup>™</sup>

### Human genomics products by analyte



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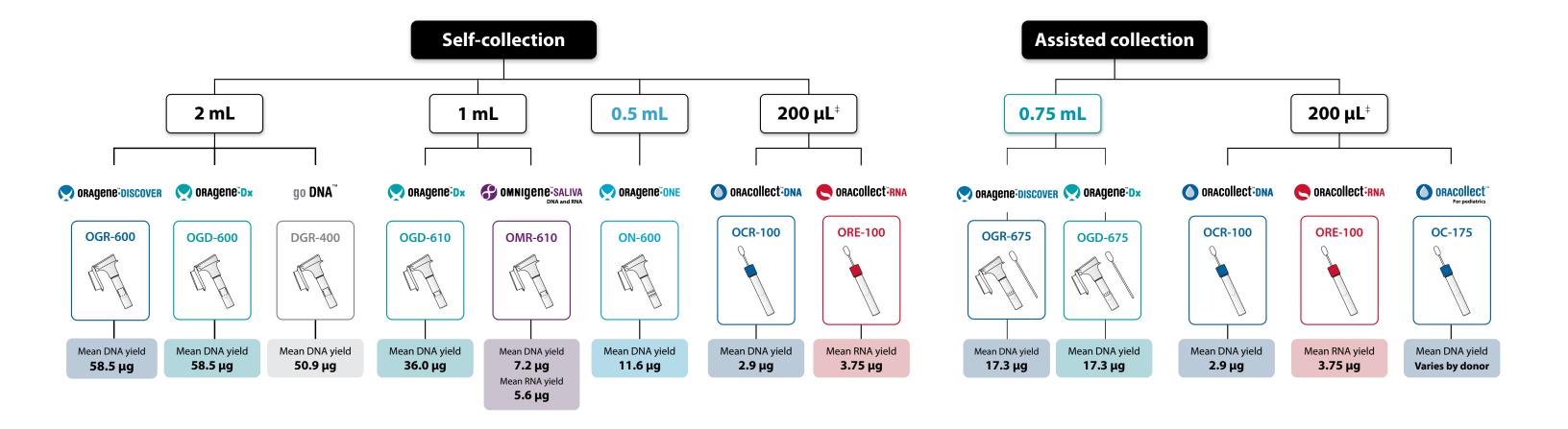




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#### Human genomics products by sample collection method



‡ Saliva volume varies; expected total sample recovery (including stabilizing solution) is 600 μL-750 μL.

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#### Human genomics product details

	Oragene series							ORAcollect series			OMNIgene series
	OGR-600*	OGR-675*	OGD-600*	OGD-610*	OGD-675*	ON-600*	DGR-400	OC-175	OCR-100	ORE-100	OMR-610
Volume of chemistry	2 mL	0.75 mL	2 mL	1 mL	0.75 mL	1.5 mL	2 mL	1 mL	1 mL	1 mL	1 mL
Volume of saliva	2 mL	0.75 mL	2 mL	1 mL	0.75 mL	0.5 mL	2 mL	200 µL‡	200 μL‡	200 μL‡	1 mL
Compatible extraction methods <sup>†</sup>	preplT™•L2P, preplT™•Q2A	preplT™•L2P, preplT™•Q2A	preplT™•L2P, preplT™•Q2A	prepIT™•L2P, prepIT™•Q2A	preplT™•L2P, preplT™•Q2A	preplT™•L2P, preplT™•Q2A	preplT™•L2P, preplT™•Q2A	preplT™•L2P, preplT™•Q2A	prepIT™•L2P, prepIT™•Q2A	RE-L2N, Third-party extraction kits	prepIT L2P, QIAGEN® RNeasy® PowerMicrobiome® Kit
Molecular weight	> 23 kb	> 23 kb	> 23 kb	> 23 kb	> 23 kb	> 23 kb	> 23 kb	> 23 kb	> 23 kb	> 23 kb	> 23 kb
Mean yield	58.5 μg DNA¹	17.3 µg DNA²	58.5 μg DNA¹	36.0 μg DNA¹	17.3 µg DNA²	11.6 μg DNA <sup>3</sup>	50.9 µg DNA⁴	Varies by age of donor	2.9 µg DNA⁵	3.75 μg RNA <sup>6</sup>	7.2 μg DNA 5.6 μg RNA <sup>7</sup>
Ambient temperature sample stability	5 years	5 years	5 years**	5 years**	5 years**	60 days	3 months	1 year	60 days	60 days	21 days
Product benefits	<ul> <li>Fight-quality, high-quality DNA</li> <li>Equivalent to blood for DNA analysis</li> <li>Painless and reliable self-collection or assisted collection</li> <li>DNA is stable at room temperature</li> <li>Compact tube design with 1D barcode, optional 2D bottom barcode and anti-rotation features to enable automated workflows</li> <li>Proven on genetiming microarray, evems sequencing and whole geneme sequencing</li> </ul>								<ul> <li>Fast, easy and reliable DNA and RNA sample collection in clinic or at home</li> <li>DNA and RNA are stabilized at ambient temperature and can withstand fluctuations ranging from -20°C ¼ 50°C during collection and transport</li> <li>Flexible sample processing with seamless integration into existing high-throughput automated workflows</li> <li>Suitable for pediatric and adult sample collection</li> </ul>		

\* Original 500 series available upon request; details can be found at https://dnagenotek.com/ROW/products/collection-human/collection-kits-for-research.html.

\*\* Stability claim is not applicable in the U.S. Please refer to PD-HB-1.

- † DNA Genotek™ products are compatible with a wide range of extraction kits. Please consult the specific product page or contact technical support (support@dnagenotek.com) for additional sample processing protocols and recommendations.
- ‡ Saliva volume varies; expected total sample recovery (including stabilizing solution) is 600 μL-750 μL.

1 Oragene™•Dx Product Handbook. PD-HB-00001

3 Quality, yield and bacterial content of DNA from human saliva collected and purified using Oragene™ ONE. DNA Genotek™. PD-WP-013

4 Comparison of DNA yield and integrity of saliva samples collected and stored in go DNA and Oragene™-DNA saliva collection kits PD-WP-00072

- 5 ORAcollect<sup>™</sup>•Dx Product Handbook. DNA Genotek<sup>™</sup>. PD-HB-00010
- 6 Mean RNA yields for samples tested 'N=20' extracted using RiboGreen fluorescence

7 Total DNA and RNA yields from a 250 µL aliquot of OMNIgene™ SALIVA DNA and RNA extracted with QIAGEN RNeasy PowerMicrobiome Kit

8 Based upon results from the Oragene<sup>™</sup> Dx human factors studies. [K141410 and K192920].

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2 Non-invasive, assisted collection of high quantity and quality genomic DNA from saliva of young children. DNA Genotek<sup>™</sup>. PD-WP-018

Global market us (Outside U.S.)





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