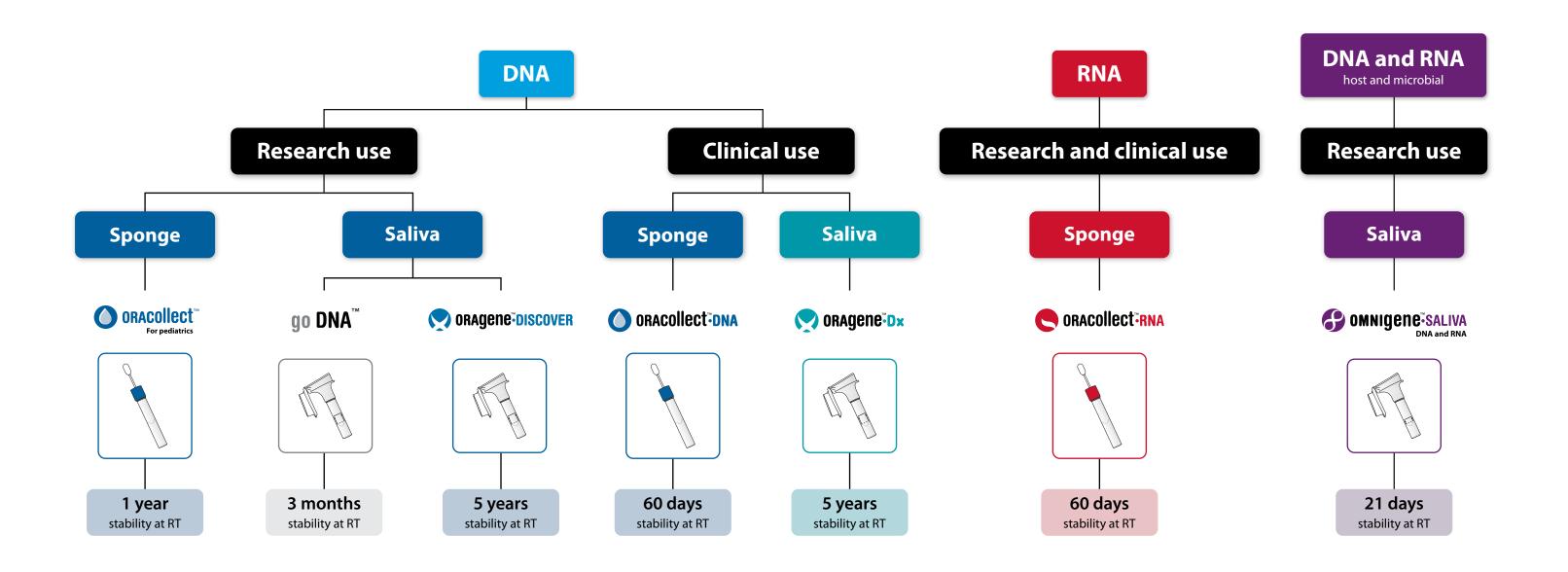
DNAgenotek[™]

Human genomics products by analyte



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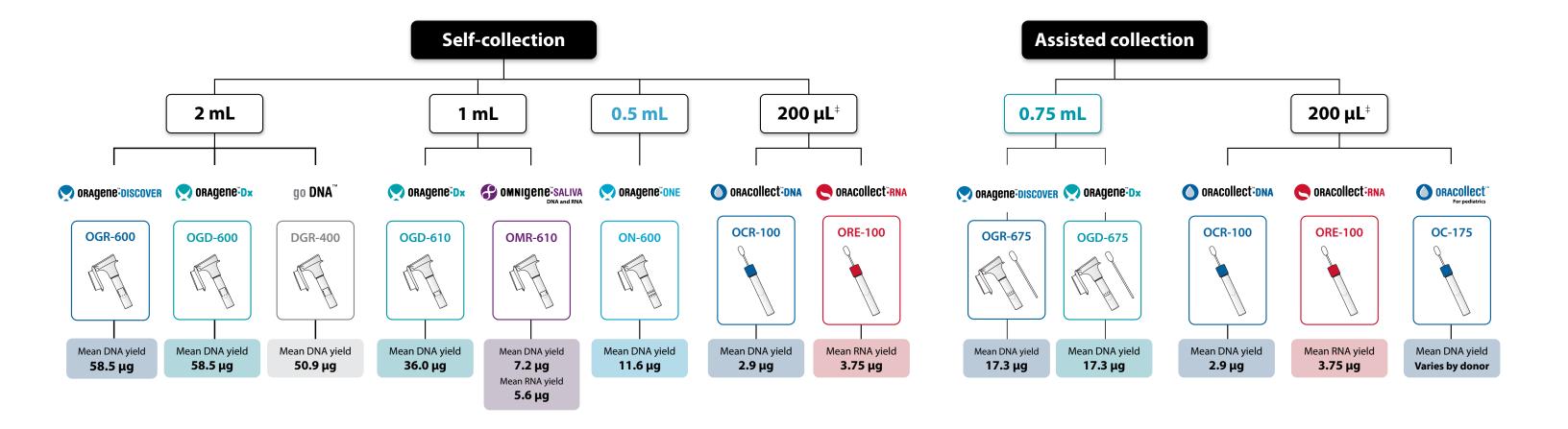




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DNAGENOTEK[™]

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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DNAGENOTEK[™]

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 [†]	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 ³	50.9 µg DNA⁴	Varies by age of donor	2.9 µg DNA⁵	3.75 μg RNA ⁶	7.2 μg DNA 5.6 μg RNA ⁷
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	 Fight-quality, high-quality DNA Equivalent to blood for DNA analysis Painless and reliable self-collection or assisted collection DNA is stable at room temperature Compact tube design with 1D barcode, optional 2D bottom barcode and anti-rotation features to enable automated workflows Proven on genetiming microarray, evems sequencing and whole geneme sequencing 								 Fast, easy and reliable DNA and RNA sample collection in clinic or at home DNA and RNA are stabilized at ambient temperature and can withstand fluctuations ranging from -20°C ¼ 50°C during collection and transport Flexible sample processing with seamless integration into existing high-throughput automated workflows Suitable for pediatric and adult sample collection 		

* 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[™]•Dx Product Handbook. DNA Genotek[™]. 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[™] 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[™]. PD-WP-018

Global market us (Outside U.S.)





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