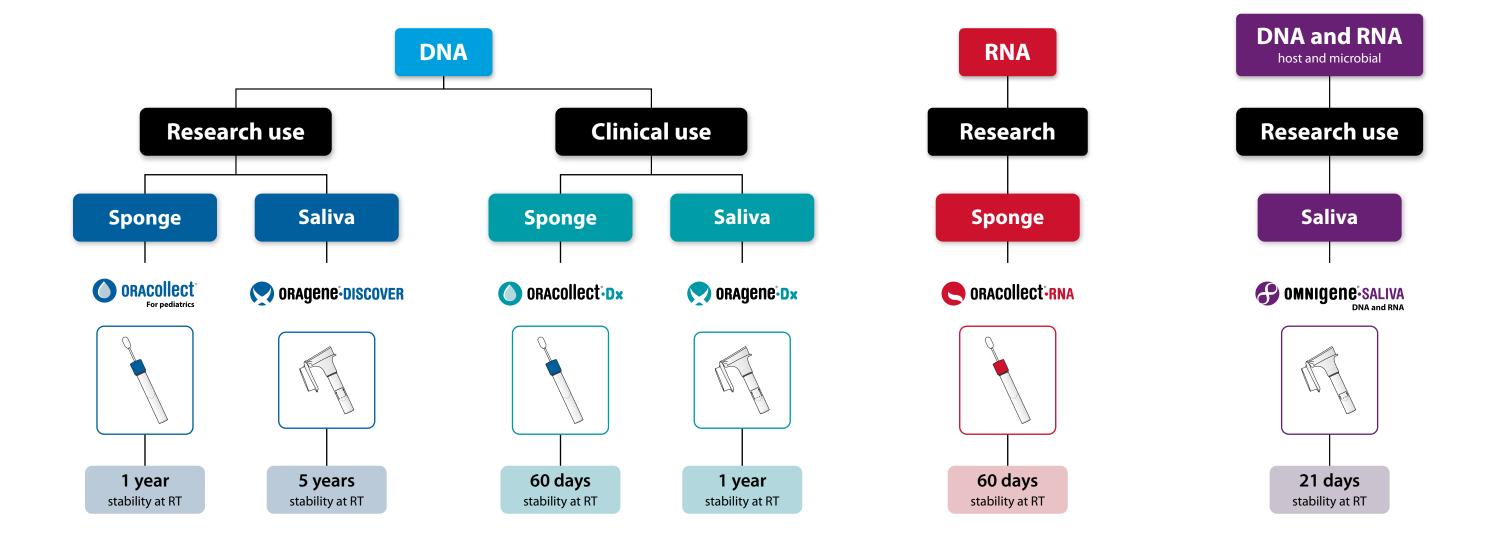
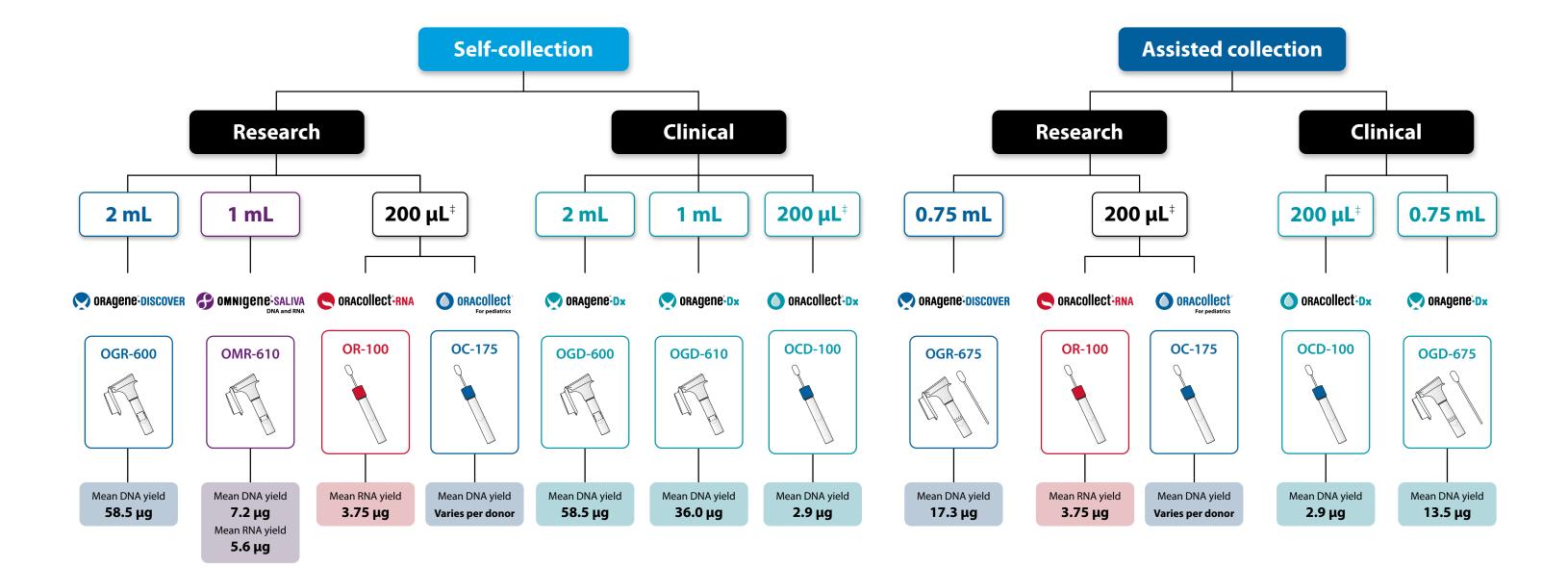
Human genomics products by analyte



Human genomics products by sample collection method





[‡] Saliva volume varies; expected total sample recovery (including stabilizing solution) is 600 μL-750 μL. Oragene®, ORAcollect®, OMNIgene® and DNA Genotek® are registered trademarks of DNA Genotek Inc. Patent (www.dnagenotek.com/legalnotices)

DNAgenotek®

Human genomics product details – Research Use Only

	Oragene series		ORAcollect series		OMNIgene series
	OGR-600*	OGR-675*	OC-175	OR-100	OMR-610
Volume of chemistry	2 mL	0.75 mL	1 mL	1 mL	1 mL
Volume of saliva	2 mL	0.75 mL	200 μL [‡]	200 μL [‡]	1 mL
Compatible extraction methods [†]	preplT®•L2P, preplT®•Q2A	preplT®•L2P, preplT®•Q2A	prepIT®•L2P, prepIT®•Q2A	RE-2LN, third-party extraction kits	prepIT L2P, QIAGEN® RNeasy® PowerMicrobiome® Kit
Molecular weight	> 23 kb	> 23 kb	> 23 kb	> 23 kb	> 23 kb
Mean yield	58.5 μg DNA¹	17.3 μg DNA²	Varies by age of donor	3.75 μg RNA³	7.2 μg DNA 5.6 μg RNA⁴
Ambient temperature sample stability	5 years	5 years	1 year	60 days	21 days
Product benefits	 High-quality, high-quantity DNA Equivalent to blood for DNA analysis Painless and reliable self-collection or assisted collection DNA is stable for years at room temperature Compact tube design with 1D barcode, optional 2D bottom barcode and anti-rotation features to enable automated workflows Proven on SNP, microarray, and targeted and whole genome sequencing 		 Fast, easy and reliable DNA and RNA sample collection in a clinic or at home DNA and RNA are stabilized at ambient temperature and can withstand fluctuations ranging from -20°C		 Stabilizes total nucleic acids for storage and shipping at ambient temperature Compatible with downstream applications (e.g., PCR/RT-PCR) User-friendly design reduces human error and improves donor compliance⁵

^{*} Original 500 series available upon request; details can be found at https://dnagenotek.com/US/products/collection-human/collection-kits-for-diagnostics.html.

[†] 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-0000

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

³ Mean RNA yields for samples tested (n=20) extracted using RiboGreen fluorescence.

⁴ Total DNA and RNA yields from a 250 μL aliquot of OMNIgene-SALIVA DNA and RNA extracted with QIAGEN RNeasy PowerMicrobiome Kit.

⁵ Based upon results from the Oragene•Dx human factors studies [K141410 and K192920].

DNAgenotek®

Human genomics product details – Clinical Use – FDA cleared

	Oragene series			ORAcollect series	
	OGD-600*	OGD-610*	OGD-675*	OCD-100	
Volume of chemistry	2 mL	1 mL	0.75 mL	1 mL	
Volume of saliva	2 mL	1 mL	0.75 mL	200 μL [‡]	
Compatible extraction methods [†]	preplT®•L2P	preplT®•L2P	preplT®•L2P	QIAGEN® QIAamp® DNA Mini Kit	
Molecular weight	> 23 kb	> 23 kb	> 23 kb	> 23 kb	
Mean yield	58.5 μg DNA¹	36.0 μg DNA²	13.5 μg DNA³	2.9 μg DNA⁴	
Ambient temperature sample stability	1 year	1 year	1 year	60 days	
Product benefits	and anti-rotation features to er	nalysis ction or assisted collection ntemperature barcode, optional 2D bottom barco	 Fast, easy and reliable DNA and RNA sample collection in a clinic or at home DNA and RNA are stabilized at ambient temperature and can withstand fluctuations ranging from -20°C		

^{*} Original 500 series available upon request; details can be found at https://dnagenotek.com/US/products/collection-human/collection-kits-for-diagnostics.html.

⁴ Data obtained by testing 156 donors; DNA was extracted using the QIAGEN QIAmp DNA Mini Kit. ORAcollect Dx Product Handbook. PD-HB-00010



[†] 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 Data obtained by testing 450 samples from 245 individuals.

² Data obtained by testing 45 samples from 45 individuals.

³ Data obtained by testing 43 samples from 43 individuals.