

FLOQSwabs® hDNA Free

Non-invasive DNA collection devices for Genetic applications





FLOQSwabs® hDNA Free is a product line dedicated to DNA collection for genetic applications. **Free of amplifiable human DNA and detectable DNase and RNase**, FLOQSwabs® hDNA Free are non-invasive, painless, and cost-effective alternatives to blood samples collected using hypodermic needles¹.



Superior

FLOQSwabs® have no internal core to trap the sample, allowing rapid adsorption and ensuring fast and complete specimen elution.

FLOQSwabs® average DNA yield is five times higher than Rayon swabs, increasing your assay sensitivity.



CE marked, DNAfree medical devices

FLOQSwabs® hDNA Free product line includes both sterile and not sterile devices. It is certified free of amplifiable Human DNA and detectable DNase and RNase, in compliance with the ISO 13485 requirements.



20 mm breaking point

The short length breaking point and the 2-1,5 ml vials compatible tip facilitate the laboratory workflow.



Active drying system

The optional active drying system dries the sample inside the tube, enabling 12 months of DNA stability at room temperature.



Laboratory

Downstream applications^{1,2,3}

- Predictive diagnostics
- SNP genotyping
- DNA profiling
- Pharmacogenomics
- Epigenetic
- Tumor markers
- HLA Typing
- Metagenomics
- Food Intolerances Screening
- Celiac Genetic Testing
- Genealogical DNA Test
- Ancestry testing

Fields of application

Prenalytics made different



Genetics & Microbiome

Regular







Forensics




Regular



Ordering information

Choose between different tube formats and swab breakpoints.

Cat N.	Description	Pack size	Sample*
50U002DS01	Regular, 20mm Breaking Point, in peelpouch 	1000 pcs/case (10 boxes of 100 pcs)	Buccal cells, saliva, skin
50U006DS02	Regular, 20mm Breaking Point, 2 pcs in peelpouch 	10 boxes of 100 pouches	Buccal cells, saliva, skin
50U003DS	Regular, 20mm Break Point, plus 2ml cuvette in peelpouch 	600 pcs /case (6 boxes of 100 pcs)	Buccal cells, saliva, skin
50U004DS	Regular, 20mm Breaking Point, in dry tube 	1000 pcs/case (10 boxes of 100 pcs)	Buccal cells, saliva, skin
50U008DS01	Regular, no breaking point, in peelpouch 	1000 pcs/case (10 boxes of 100 pcs)	Buccal cells, saliva, skin
50U009DS02	Regular, no breaking point, 2 pcs in peelpouch 	10 boxes of 100 pouches	Buccal cells, saliva, skin

Cat N.	Description	Pack size	Sample*
50U027DS03	Regular, 3 pcs 20mm Breaking Point, in peelpouch 	1000 pcs/case	Buccal cells, saliva, skin
50E010D01	Buccal Swab, Regular size tipe, 20mm Breaking Point in tube with Active Drying System 	300 pcs/case (6 boxes of 50 pcs)	Buccal cells, saliva
50E020D01	Buccal Swab, Regular size tipe, 20mm Breaking Point, 2D Barcode Label, in tube with Active Drying System 	300 pcs/case (6 boxes of 50 pcs)	Buccal cells, saliva

*Suggested table. Please refer to your GLP procedures to choose the most appropriate device for the specific sampling site

Scientific references

All the studies we cited in this product focus are listed here.

1. Eipel M, Mayer F, Arent T, et al. Epigenetic age predictions based on buccal swabs are more precise in combination with cell type-specific DNA methylation signatures. *Aging (Albany, NY)*. 2016 May;8(5):1034-48.
2. Schöfl, G., Lang, K., Quenzel, P. et al. 2.7 million samples genotyped for HLA by next generation sequencing: lessons learned. *BMC Genomics* 18, 161 (2017).
3. Theda, C., Hwang, S.H., Czajko, A. et al. Quantitation of the cellular content of saliva and buccal swab samples. *Sci Rep* 8, 6944 (2018).



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