

CODE	PHARMACOGENETICS	DESCRIPTION	GENES	SAMPLE	KIT	TECHNIQUE	TAT	SPECIALTY	
PGX-COMP	Pharmacogenetics: Full Profile	Polymedicated patients with a history of adverse drug effects and with a family or personal history of venous thromboembolism.	20 genes	CYP1A1, 1A2, 2B6, 2C8, 2C9, 2C19, 2D6, 3A4, 3A5, NAT2, TYMS, DPYD, MDR1, UGT1A1, FV, FII, FXII, MTHFR, TPMT, VKORC1	Buccal mucosa	2 swabs	Sequencing	4 weeks	All specialties, Internal Medicine, Primary Care, Geriatrics, Neurology
PGX-F1	Pharmacogenetics: Profile Phase I	Polymedicated patients and very especially geriatric population or suffering polyopathologies.	10 genes	CYP1A1, 1A2, 2B6, 2C8, 2C9, 2C19, 2D6, 3A4, 3A5	Buccal mucosa	2 swabs	Sequencing	3 weeks	All specialties, Internal Medicine, Primary Care, Geriatrics, Neurology
PGX-5FU	Pharmacogenetics: 5-Fluorouracil	Patients who are going to start treatment, or that are already under treatment or that have a history of adverse effects due to chemotherapy based on 5-Fluorouracil, Capecitabine (Xeloda®) or Tegafur .	3 genes	DPYD, TYMS, MTHFR	Buccal mucosa	2 swabs	Sequencing	2 weeks	Oncology
PGX-TAM	Pharmacogenetics: Tamoxifen	Pharmacogenetic study for cancer patients taking Tamoxifen (or that will receive Tamoxifen treatment).	1 gene	CYP2D6	Buccal mucosa	2 swabs	Sequencing	2 weeks	Oncology, gynecology
PGX-UGT1A1	Pharmacogenetics: Irinotecan	Patients who are going to initiate treatment with Irinotecan.	1 gene	UGT1A1	Buccal mucosa	2 swabs	Sequencing	1 week	Oncology
PGX-DEP	Pharmacogenetics: Antidepressants	Treatment with both tricyclic antidepressants and selective inhibitors of serotonin reuptake.	2 genes	CYP2C19, CYP2D6	Buccal mucosa	2 swabs	Sequencing	2 weeks	Neurology, Psychiatry
PGX-COD	Pharmacogenetics: Codeine	People who must take Codeine, especially if analgesic doses are used.	1 gene	CYP2D6	Buccal mucosa	2 swabs	Sequencing	1 week	Anesthesia: Pain Therapy Units
PGX-ACO	Pharmacogenetics: Hormonal contraceptives	Women who are going to use hormonal contraceptives, especially if they contain Drospirenone (Yaz®, Yasmin®, Yasminelle®).	4 genes	FV, FII, FXII, MTHFR	Buccal mucosa	2 swabs	Sequencing	2 weeks	Gynecology
PGX-SLCO1B1	Pharmacogenetics: Simvastatin	People who are going to initiate treatment or that already use Simvastatin (Zocor®).	1 gene	SLCO1B1	Buccal mucosa	2 swabs	Sequencing	2 weeks	Cardiology, Internal Medicine, Primary Care
PGX-VITK	Pharmacogenetics: Oral Anticoagulants	Patients who are going to initiate treatment or that are poorly controlled with oral antivitamin K anticoagulants, such as Acenocoumarol (Sintrom®) or Warfarin (Aldocumar®).	2 genes	CYP2C9, VKORC1	Buccal mucosa	2 swabs	Sequencing	2 weeks	Cardiology, Internal Medicine, Primary Care
PGX-CYP2C9	Pharmacogenetics: Nonsteroidal anti-inflammatory drugs NSAIDs	Patients who require long period treatments with non-steroidal anti-inflammatory drugs (eg, rheumatological patients).	1 gene	CYP2C9	Buccal mucosa	2 swabs	Sequencing	2 weeks	Rheumatology, Traumatology, Sports Medicine
PGX-BETA	Pharmacogenetics: Oral beta blockers	People who need to take oral beta-blockers (metoprolol , Lopresor®).	1 gene	CYP2D6	Buccal mucosa	2 swabs	Sequencing	2 weeks	Cardiology
PGX-FEN	Pharmacogenetics: Phenytoin	Whenever antiepileptic medication based on phenytoin is needed.	2 genes	CYP2C9, HLA-B	Buccal mucosa	2 swabs	Sequencing	2 weeks	Neurology
PGX-NAT2	Pharmacogenetics: Antituberculous	Whenever antituberculous medication is required: Isoniazid (Cemidon®).	1 gene	NAT2	Buccal mucosa	2 swabs	Sequencing	2 weeks	Pulmonology, Internal Medicine



PGX-CLOP	Pharmacogenetics: Clopidogrel	In patients under treatment with Clopidogrel (Plavix®).	1 gene	CYP2C19	Buccal mucosa	2 swabs	Sequencing	2 weeks	Cardiology, Internal Medicine, Geriatrics
PGX-CYP2C19	Pharmacogenetics: Proton pump inhibitors	In people who need proton pump inhibitor medication (Omeprazole , Esomeprazole (Nexium®), Lansoprazole, Pantoprazole ...), as happens in cases of duodenal ulcers, esophagitis, chronic gastritis ...	1 gene	CYP2C19	Buccal mucosa	2 swabs	Sequencing	2 weeks	Digestive, Internal Medicine, Geriatrics
PGX-INF	Pharmacogenetics Report as "second opinion"	In patients who have already done a genetic study and need a second opinion or update of the report due to a change in the therapeutic treatment.	Any gene	Cualquier gen					All specialities

All tests done on saliva samples can be also done on blood samples, with no additional cost.

These prices do NOT include kits and delivery of samples.

TAT from reception of the sample at GENYCA laboratory in Madrid, Spain.

If you need a test that is not in the list, please consult GENYCA. We currently perform more than 800 genetic tests, and the list is constantly updated with new tests.

All these tests can be done from PRENATAL SAMPLE. Please consult.