

## FARMAKOGENETIČKO TESTIRANJE

### Kombinacije lijekova i gena

Lijek	Indikacija	Gen
abacavir	infectious disease	HLA-B*57:01
abrocitinib	dermatology	CYP2C19
acenocoumarol	cardiology or hematology	CYP2C9, VKORC1, CYP4F2
allopurinol	gout	HLA-B*58:01
amitriptyline	psychiatry	CYP2D6
aripiprazole	psychiatry	CYP2D6
atazanavir	infectious disease	UGT1A1
atomoxetine	psychiatry	CYP2D6
atorvastatin	cardiology	SLCO1B1
azathioprine	transplantation or rheumatology	TPMT, NUDT15
belinostat	oncology	UGT1A1
brexpiprazole	psychiatry	CYP2D6
brivaracetam	neurology	CYP2C19
capecitabine	oncology	DPYD
carbamazepine	neurology	HLA-B*15:02; HLA-A*31:01
carvedilol	cardiology	CYP2D6
celecoxib	rheumatology or pain management	CYP2C9
citalopram	psychiatry	CYP2C19
clobazam	neurology	CYP2C19
clomipramine	psychiatry	CYP2D6
clopidogrel	cardiology	CYP2C19
clozapine	psychiatry	CYP2D6
codeine	pain management	CYP2D6
desipramine	psychiatry	CYP2D6
deutetrabenazine	neurology	CYP2D6
dexlansoprazole	gastroenterology	CYP2C19
doxepin	psychiatry	CYP2D6
efavirenz	infectious disease	CYP2B6
eliglustat	metabolic disorder	CYP2D6
escitalopram	psychiatry	CYP2C19
fesoterodine	urology	CYP2D6
flecainide	cardiology	CYP2D6
flucloxacillin	infectious disease	HLA-B*57:01
flucytosine	infectious disease	DPYD
fluorouracil	oncology	DPYD
flurbiprofen	rheumatology or pain management	CYP2C9
fluvastatin	cardiology	CYP2C9
fluvoxamine	psychiatry	CYP2D6

gefitinib	oncology	CYP2D6
haloperidol	psychiatry	CYP2D6
ibuprofen	rheumatology or pain management	CYP2C9
iloperidone	psychiatry	CYP2D6
imipramine	psychiatry	CYP2D6
irinotecan	oncology	UGT1A1
lamotrigine	neurology or psychiatry	HLA-B*15:02
lansoprazole	gastroenterology	CYP2C19
lornoxiam	rheumatology or pain management	CYP2C9
lovastatin	cardiology	SLCO1B1
mavacamten	cardiology	CYP2C19
meloxicam	rheumatology or pain management	CYP2C9
metoclopramide	gastroenterology	CYP2D6
mercaptopurine	oncology	TPMT, NUDT15
metoprolol	cardiology	CYP2D6
nortriptyline	psychiatry	CYP2D6
omeprazole	gastroenterology	CYP2C19
ondansetron	oncology or anesthesiology	CYP2D6
oxcarbazepine	neurology	HLA-B*15:02
oxycodone	pain management	CYP2D6
pantoprazole	gastroenterology	CYP2C19
paroxetine	psychiatry	CYP2D6
pazopanib	oncology	UGT1A1
perphenazine	psychiatry	CYP2D6
phenprocoumon	cardiology or hematology	CYP2C9, VKORC1, CYP4F2
phenytoin	neurology	HLA-B*15:02
pimozide	psychiatry	CYP2D6
piroxicam	rheumatology or pain management	CYP2C9
pitavastatin	cardiology	SLCO1B1
pitolisant	neurology	CYP2D6
pravastatin	cardiology	SLCO1B1
propafenone	cardiology	CYP2D6
quetiapin	psychiatry	CYP3A4
risperidone	psychiatry	CYP2D6
rosuvastatin	cardiology	SLCO1B1
sacituzumab govitecan	oncology	UGT1A1
sertraline	psychiatry	CYP2C19
simvastatin	cardiology	SLCO1B1
siponimod	neurology	CYP2C9
tacrolimus	transplantation	CYP3A5
tamoxifen	oncology	CYP2D6
tegafur	oncology	DPYD
tenoxicam	rheumatology or pain management	CYP2C9
tetrabenazine	neurology	CYP2D6
tioguanine (thioguanine)	oncology	TPMT, NUDT15

thioridazine	psychiatry	CYP2D6
tramadol	pain management	CYP2D6
trimipramine	psychiatry	CYP2D6
tropisetron	oncology or anesthesiology	CYP2D6
venlafaxine	psychiatry	CYP2D6
voriconazole	infectious disease	CYP2C19
vortioxetine	psychiatry	CYP2D6
warfarin	cardiology or hematology	CYP2C9, VKORC1, CYP4F2
zuclopenthixol	psychiatry	CYP2D6

