

Patient, Sample

Date of Birth: MM/DD/YYYY

Clinician: Sample Clinician

Order Number: 000000

Report Date: MM/DD/YYYY

Reference: 000000

Questions about report interpretation?

Contact our Medical Information team:

855.891.9415 | medinfo@genesight.com

Antidepressants



Smoking is defined as the daily inhalation of burning plant material (cigarettes, marijuana), and **excludes** vaping and e-cigarettes. This is used to determine medication results.

Use as Directed

desipramine (Norpramin®)	
desvenlafaxine (Pristiq®)	
levomilnacipran (Fetzima®)	
nortriptyline (Pamelor®)	
trazodone (Desyrel®)	
vilazodone (Viibryd®)	
vortioxetine (Trintellix®)	
duloxetine (Cymbalta®)	7
mirtazapine (Remeron®)	7

Moderate Gene-drug Interaction

venlafaxine (Effexor®)	1
selegiline (Emsam®)	3
fluoxetine (Prozac®)	1,4
clomipramine (Anafranil®)	1,7
fluvoxamine (Luvox®)	4,7

Significant Gene-drug Interaction

bupropion (Wellbutrin®)	2
amitriptyline (Elavil®)	3
paroxetine (Paxil®)	4,6
escitalopram (Lexapro®)	1,4,6
sertraline (Zoloft®)	1,4,6
imipramine (Tofranil®)	1,6,7
citalopram (Celexa®)	1,4,6,8
doxepin (Sinequan®)	1,6,7,8

Clinical Considerations

- 1: Serum level may be too high, lower doses may be required.
- 2: Serum level may be too low, higher doses may be required.
- 3: Difficult to predict dose adjustments due to conflicting variations in metabolism.
- 4: Genotype may impact drug mechanism of action and result in moderately reduced efficacy.
- 6: Use of this drug may increase risk of side effects.
- 7: Smoking status changes the results of this medication. **See next section labeled Smokers for smoking results.**
- 8: FDA label identifies a potential gene-drug interaction for this medication.

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desvenlafaxine (Pristiq®)
levomilnacipran (Fetzima®)
nortriptyline (Pamelor®)
trazodone (Desyrel®)
vilazodone (Viibryd®)
vortioxetine (Trintellix®)

Moderate Gene-drug Interaction

venlafaxine (Effexor®) 1
clomipramine (Anafranil®) 3
selegiline (Emsam®) 3
fluoxetine (Prozac®) 1,4
imipramine (Tofranil®) 1,6
doxepin (Sinequan®) 1,8

Significant Gene-drug Interaction

bupropion (Wellbutrin®) 2
duloxetine (Cymbalta®) 2
mirtazapine (Remeron®) 2
amitriptyline (Elavil®) 3
fluvoxamine (Luvox®) 2,4
paroxetine (Paxil®) 4,6
escitalopram (Lexapro®) 1,4,6
sertraline (Zoloft®) 1,4,6
citalopram (Celexa®) 1,4,6,8

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Anxiolytics and Hypnotics



Non-Smokers

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Use as Directed

alprazolam (Xanax®)	
buspirone (BuSpar®)	
clonazepam (Klonopin®)	
eszopiclone (Lunesta®)	
lemborexant (Dayvigo®)	
suvorexant (Belsomra®)	
temazepam (Restoril®)	
zolpidem (Ambien®)	
propranolol (Inderal®)	7

Moderate Gene-drug Interaction

chlordiazepoxide (Librium®)	1
clorazepate (Tranxene®)	1
lorazepam (Ativan®)	1
oxazepam (Serax®)	1
diazepam (Valium®)	1,8

Significant Gene-drug Interaction

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Clinical Considerations

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Antipsychotics



Non-Smokers

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Use as Directed

Moderate Gene-drug Interaction

Significant Gene-drug Interaction

- aripiprazole (Abilify®)
- brexpiprazole (Rexulti®)
- cariprazine (Vraylar®)
- fluphenazine (Prolixin®)
- iloperidone (Fanapt®)
- lumateperone (Caplyta®)
- lurasidone (Latuda®)
- paliperidone (Invega®)
- perphenazine (Trilafon®)
- quetiapine (Seroquel®)
- risperidone (Risperdal®)
- ziprasidone (Geodon®)
- asenapine (Saphris®) 7
- chlorpromazine (Thorazine®) 7
- clozapine (Clozaril®) 7
- haloperidol (Haldol®) 7
- olanzapine (Zyprexa®) 7
- thioridazine (Mellaril®) 7
- thiothixene (Navane®) 7

Clinical Considerations

7: Smoking status changes the results of this medication. **See next section labeled Smokers for smoking results.**

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Use as Directed

aripiprazole (Abilify®)
brexpiprazole (Rexulti®)
cariprazine (Vraylar®)
fluphenazine (Prolixin®)
iloperidone (Fanapt®)
lumateperone (Caplyta®)
lurasidone (Latuda®)
paliperidone (Invega®)
perphenazine (Trilafon®)
quetiapine (Seroquel®)
risperidone (Risperdal®)
ziprasidone (Geodon®)

Moderate Gene-drug Interaction

asenapine (Saphris®) 2
chlorpromazine (Thorazine®) 2
haloperidol (Haldol®) 2
thioridazine (Mellaril®) 3

Significant Gene-drug Interaction

clozapine (Clozaril®) 2
olanzapine (Zyprexa®) 2
thiothixene (Navane®) 2

Clinical Considerations

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Mood Stabilizers

This section applies to smokers and non-smokers.

The presence of the highly inducible CYP1A2 variant is not predicted to influence these medications.

Use as Directed

lamotrigine (Lamictal®)
oxcarbazepine (Trileptal®)
valproic acid/divalproex (Depakote®)

Moderate Gene-drug Interaction

Significant Gene-drug Interaction

carbamazepine (Tegretol®) 6,8

No Proven Genetic Markers

gabapentin (Neurontin®) 10

lithium (Eskalith®) 10

topiramate (Topamax®) 10

Clinical Considerations

6: Use of this drug may increase risk of side effects.

8: FDA label identifies a potential gene-drug interaction for this medication.

10: While this medication does not have clinically proven genetic markers that allow it to be categorized, it may be an effective choice based on other clinical factors.

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Stimulants

This section applies to smokers and non-smokers.

The presence of the highly inducible CYP1A2 variant is not predicted to influence these medications.

Use as Directed

Moderate Gene-drug Interaction

Significant Gene-drug Interaction

dexmethylphenidate (Focalin®)	4
methylphenidate (Ritalin®, Concerta®)	4

No Proven Genetic Markers

amphetamine salts (Adderall®) 10

dextroamphetamine (Dexedrine®) 10

lisdexamfetamine (Vyvanse®) 10

Non-Stimulants

Use as Directed

Moderate Gene-drug Interaction

Significant Gene-drug Interaction

atomoxetine (Strattera®)
guanfacine (Intuniv®)
viloxazine (Qelbree®)

No Proven Genetic Markers

clonidine (Kapvay®) 10

Clinical Considerations

4: Genotype may impact drug mechanism of action and result in moderately reduced efficacy.

10: While this medication does not have clinically proven genetic markers that allow it to be categorized, it may be an effective choice based on other clinical factors.

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Patient Genotypes and Phenotypes



Pharmacodynamic Genes

<p>ADRA2A C/C</p> <p>Moderately Reduced Response</p> <p>This patient is homozygous for the C allele of the -1291G>C polymorphism in the adrenergic alpha-2A receptor gene. This genotype suggests a moderately reduced response to certain ADHD medications.</p>	<p>HTR2A G/G</p> <p>Increased Sensitivity</p> <p>This individual is homozygous variant for the G allele of the -1438G>A polymorphism for the Serotonin Receptor Type 2A. They carry two copies of the G allele. This genotype has been associated with an increased risk of adverse drug reactions with certain selective serotonin reuptake inhibitors.</p>
<p>HLA-A*3101 A/T</p> <p>Higher Risk</p> <p>This patient is heterozygous for the A allele and the T allele of the rs1061235 A>T polymorphism indicating presence of the HLA-A*3101 allele or certain HLA-A*33 alleles. This genotype suggests a higher risk of serious hypersensitivity reactions, including Stevens-Johnson syndrome (SJS), toxic epidermal necrolysis (TEN), maculopapular eruptions, and Drug Reaction with Eosinophilia and Systemic Symptoms when taking certain mood stabilizers.</p>	<p>SLC6A4 S/S</p> <p>Reduced Response</p> <p>This patient is homozygous for the short promoter polymorphism of the serotonin transporter gene. The short promoter allele is reported to decrease expression of the serotonin transporter compared to the homozygous long promoter allele. The patient may have a moderately decreased likelihood of response to selective serotonin reuptake inhibitors due to the presence of the short form of the gene.</p>
<p>HLA-B*1502 Not Present</p> <p>Normal Risk</p> <p>This patient does not carry the HLA-B*1502 allele or a closely related *15 allele. Absence of HLA-B*1502 and the closely related *15 alleles suggests normal risk of serious dermatologic reactions including toxic epidermal necrolysis (TEN) and Stevens-Johnson syndrome (SJS) when taking certain mood stabilizers.</p>	

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Patient Genotypes and Phenotypes

PK

Pharmacokinetic Genes

CES1A1 Extensive (Normal) Metabolizer

CES1A1 - Gly allele enzyme activity: Normal
 CES1A1 - Gly allele enzyme activity: Normal

This genotype is most consistent with the extensive (normal) metabolizer phenotype. This patient is expected to have normal enzyme activity.

CYP1A2 Non-smoker: Extensive (Normal) Metabolizer Smoker: Ultrarapid Metabolizer

-163C>A - A/A
 CYP1A2 -163C>A – A allele enzyme activity: Highly inducible
 CYP1A2 -163C>A – A allele enzyme activity: Highly inducible

This genotype may be consistent with either the extensive (normal) metabolizer phenotype or the ultrarapid metabolizer phenotype. If the patient is a non-smoker (see pg. 1 for definition), the presence of the highly inducible 'A' allele and non-smoker status indicates an extensive (normal) metabolizer phenotype. If the patient is a smoker, the presence of the highly inducible 'A' allele and smoker status indicates an ultrarapid metabolizer phenotype.

CYP2B6 Ultrarapid Metabolizer

CYP2B6*1 allele enzyme activity: Normal
 CYP2B6*4 allele enzyme activity: Increased

This genotype is most consistent with the ultrarapid metabolizer phenotype. This patient may have increased enzyme activity as compared to individuals with the normal phenotype.

CYP2C19 Poor Metabolizer

CYP2C19*2 allele enzyme activity: None
 CYP2C19*2 allele enzyme activity: None

This genotype is most consistent with the poor metabolizer phenotype. This patient may have reduced enzyme activity as compared to individuals with the normal phenotype.

CYP2C9 Extensive (Normal) Metabolizer

CYP2C9*1 allele enzyme activity: Normal
 CYP2C9*1 allele enzyme activity: Normal

This genotype is most consistent with the extensive (normal) metabolizer phenotype.

CYP2D6 Extensive (Normal) Metabolizer

CYP2D6*1 allele enzyme activity: Normal
 CYP2D6*1 allele enzyme activity: Normal

This genotype is most consistent with the extensive (normal) metabolizer phenotype.

CYP3A4 Extensive (Normal) Metabolizer

CYP3A4*1 allele enzyme activity: Normal
 CYP3A4*1 allele enzyme activity: Normal

This genotype is most consistent with the extensive (normal) metabolizer phenotype.

UGT1A4 Extensive (Normal) Metabolizer

UGT1A4*1 allele enzyme activity: Normal
 UGT1A4*1 allele enzyme activity: Normal

This genotype is most consistent with the extensive (normal) metabolizer phenotype. The patient is expected to have normal enzyme activity.

UGT2B15 Intermediate Metabolizer

UGT2B15*2 allele enzyme activity: Reduced
 UGT2B15*2 allele enzyme activity: Reduced

This genotype is most consistent with the intermediate metabolizer phenotype. This patient may have reduced enzyme activity as compared to individuals with the normal phenotype.

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Additional Genotypes

Not Included in Categorizing Medications

Genotypes reported in this section have not been shown to be reliable markers of medication outcomes

COMT

VAL/VAL

This patient is homozygous for the Val allele of the Val158Met polymorphism in the catechol-o-methyltransferase gene.

A summary of the studies that have assessed the potential effect of COMT genotype on response to psychotropic medications can be found here: <https://genesight.com/comt>.

To categorize medications on this pharmacogenomic test, a gene must have a variant that has been shown to have a significant impact on medication outcomes, as demonstrated in multiple well-designed studies. Studies assessing the gene in this section have not shown that it is a reliable marker of medication outcomes. Therefore, this gene does not currently meet the criteria for categorizing medications. The patient's genotype is provided for informational purposes only.

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Gene-drug Interactions

Use as Directed

	CES1A1 Normal	CYP1A2 Smoking Dependent	CYP2B6 Ultrarapid	CYP2C19 Poor	CYP2C9 Normal	CYP2D6 Normal	CYP3A4 Normal	UGT1A4 Normal	UGT2B15 Intermediate
Antidepressants									
desipramine (Norpramin®)						○			
desvenlafaxine (Pristiq®)				●			○		
duloxetine (Cymbalta®)		●				○			
levomilnacipran (Fetzima®)				●		○	○		
mirtazapine (Remeron®)		●			○	○	○		
nortriptyline (Pamelor®)						○			
trazodone (Desyre®)		●				○	○		
vilazodone (Viibryd®)				●		○	○		
vortioxetine (Trintellix®)			●	●	○	○	○		
Anxiolytics and Hypnotics									
alprazolam (Xanax®)							○		
buspirone (BuSpar®)						○	○		
clonazepam (Klonopin®)							○		
eszopiclone (Lunesta®)					○		○		
lemborexant (Dayvigo®)							○		
propranolol (Inderal®)		●				○			
suvorexant (Belsomra®)							○		
temazepam (Restoril®)			●		○		○		●
zolpidem (Ambien®)		●		●	○	○	○		
Antipsychotics									
aripiprazole (Abilify®)						○	○		
asenapine (Saphris®)		●				○	○	○	
brexpiprazole (Rexulti®)						○	○		
cariprazine (Vraylar®)						○	○		
chlorpromazine (Thorazine®)		●				○	○		
clozapine (Clozaril®)		●				○	○	○	
fluphenazine (Prolixin®)		●		●	○	○	○		
haloperidol (Haldol®)		●				○	○	○	
iloperidone (Fanapt®)						○	○		
lumateperone (Caplyta®)							○		
lurasidone (Latuda®)							○		

- Variation was found in patient genotype that may impact medication metabolism.
- This gene is associated with medication metabolism, but the predicted patient phenotype is normal.

- This phenotype may be ultrarapid due to smoking. Smoking status may change the medication category. Refer to sections labeled Smokers to see medication categories for individuals who smoke.
- * This gene-drug interaction is recognized by the FDA or CPIC.

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Gene-drug Interactions

Use as Directed (Continued)

	CES1A1 Normal	CYP1A2 Smoking Dependent	CYP2B6 Ultrarapid	CYP2C19 Poor	CYP2C9 Normal	CYP2D6 Normal	CYP3A4 Normal	UGT1A4 Normal	UGT2B15 Intermediate
Antipsychotics									
olanzapine (Zyprexa®)		●				○	○	○	
paliperidone (Invega®)						○	○		
perphenazine (Trilafon®)		●		●		○	○		
quetiapine (Seroquel®)						○	○		
risperidone (Risperdal®)						○	○		
thioridazine (Mellaril®)		●		●		○	○		
thiothixene (Navane®)		●							
ziprasidone (Geodon®)		●					○		
Mood Stabilizers									
lamotrigine (Lamictal®)								○	
oxcarbazepine (Trileptal®)									
valproic acid/divalproex (Depakote®)			●		○			○	
Non-stimulants									
atomoxetine (Strattera®)						○			
guanfacine (Intuniv®)							○		
viloxazine (Qelbree®)						○			

Moderate Gene-Drug Interaction

	CES1A1 Normal	CYP1A2 Smoking Dependent	CYP2B6 Ultrarapid	CYP2C19 Poor	CYP2C9 Normal	CYP2D6 Normal	CYP3A4 Normal	UGT1A4 Normal	UGT2B15 Intermediate
Antidepressants									
clomipramine (Anafranil®)		●		● *		○	○		
fluoxetine (Prozac®)				●	○	○	○		
fluvoxamine (Luvox®)		●				○			
selegiline (Emsam®)		●	●	●			○		
venlafaxine (Effexor®)				●	○	○	○		
Anxiolytics and Hypnotics									
chlordiazepoxide (Librium®)		●					○		●
clorazepate (Tranxene®)		●					○		●

- Variation was found in patient genotype that may impact medication metabolism.
- This gene is associated with medication metabolism, but the predicted patient phenotype is normal.

- This phenotype may be ultrarapid due to smoking. Smoking status may change the medication category. Refer to sections labeled Smokers to see medication categories for individuals who smoke.

* This gene-drug interaction is recognized by the FDA or CPIC.

Patient, Sample

Date of Birth: MM/DD/YYYY

Clinician: Sample Clinician

Order Number: 000000

Report Date: MM/DD/YYYY

Reference: 000000

Questions about report interpretation?

Contact our Medical Information team:

855.891.9415 | medinfo@genesight.com

Gene-drug Interactions

Moderate Gene-Drug Interaction (Continued)

	CES1A1 Normal	CYP1A2 Smoking Dependent	CYP2B6 Ultrarapid	CYP2C19 Poor	CYP2C9 Normal	CYP2D6 Normal	CYP3A4 Normal	UGT1A4 Normal	UGT2B15 Intermediate
Anxiolytics and Hypnotics									
diazepam (Valium®)		●	●	●	○		○		●
lorazepam (Ativan®)									●
oxazepam (Serax®)									●
Stimulants									
dexmethylphenidate (Focalin®)	○								
methylphenidate (Ritalin®, Concerta®)	○								

Significant Gene-Drug Interaction

	CES1A1 Normal	CYP1A2 Smoking Dependent	CYP2B6 Ultrarapid	CYP2C19 Poor	CYP2C9 Normal	CYP2D6 Normal	CYP3A4 Normal	UGT1A4 Normal	UGT2B15 Intermediate
Antidepressants									
amitriptyline (Elavil®)				● *		○			
bupropion (Wellbutrin®)			●			○	○		
citalopram (Celexa®)				● *		○	○		
doxepin (Sinequan®)		●		● *	○	○	○	○	
escitalopram (Lexapro®)				● *		○	○		
imipramine (Tofranil®)		●		● *		○	○		
paroxetine (Paxil®)						○	○		
sertraline (Zoloft®)			● *	● *			○		
Mood Stabilizers									
carbamazepine (Tegretol®)			●				○		

No Proven Genetic Markers

	CES1A1 Normal	CYP1A2 Smoking Dependent	CYP2B6 Ultrarapid	CYP2C19 Poor	CYP2C9 Normal	CYP2D6 Normal	CYP3A4 Normal	UGT1A4 Normal	UGT2B15 Intermediate
Stimulants									
amphetamine salts (Adderall®)									

- Variation was found in patient genotype that may impact medication metabolism.
- This gene is associated with medication metabolism, but the predicted patient phenotype is normal.

- This phenotype may be ultrarapid due to smoking. Smoking status may change the medication category. Refer to sections labeled Smokers to see medication categories for individuals who smoke.

* This gene-drug interaction is recognized by the FDA or CPIC.

Patient, Sample

Date of Birth: MM/DD/YYYY

Clinician: Sample Clinician

Order Number: 0000000

Report Date: MM/DD/YYYY

Reference: 0000000

Questions about report interpretation?

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Test Information

The buccal swab sample was collected on MM/DD/YYYY and received in the laboratory on MM/DD/YYYY. Genomic DNA was isolated and the relevant genomic regions were amplified by polymerase chain reaction (PCR). Analysis of CYP2D6 deletion and duplication, HLA-B*1502 and SLC6A4 was completed by electrophoresis of PCR products. Analysis of rs1061235 (indicating presence of the HLA-A*3101 allele or certain HLA-A*33 alleles), ADRA2A, CES1A1, COMT, CYP1A2, CYP2B6, CYP2C19, CYP2C9, CYP2D6, CYP3A4, HTR2A, UGT1A4 and UGT2B15 was completed by using iPLEX MassARRAY® technology (Agena Bioscience). The following genetic variants may be detected in the assay: ADRA2A -1291G>C (NM_000681.3:c.1252G>C); CES1A1 Gly143Glu (NM_001025194.1:c.428G>A); COMT Val158Met (NM_007310.2:c.322G>A); CYP1A2 -163C>A (NM_000761.4:c.-9-154C>A); CYP2B6 *4 (NM_000767.4:c.785A>G), *6 (NM_000767.4:c.516G>T; c.785A>G), *9 (NM_000767.4:c.516G>T); CYP2C19 *2 (NM_000769.2:c.681G>A), *3 (NM_000769.2:c.636G>A), *4 (NM_000769.2:c.1A>G), *5 (NM_000769.2:c.1297C>T), *6 (NM_000769.2:c.395G>A), *8 (NM_000769.2:c.358T>C), *17 (NM_000769.2:c.-806C>T); CYP2C9 *2 (NM_000771.3:c.430C>T), *3 (NM_000771.3:c.1075A>C), *4 (NM_000771.3:c.1076T>C), *5 (NM_000771.3:c.1080C>G), *6 (NM_000771.3:c.817delA); CYP2D6 *2 (NM_000106.5:c.886C>T; c.1457G>C), *3 (NM_000106.5:c.775delA), *4 (NM_000106.5:c.506-1G>A; c.100C>T; c.1457G>C), *5 (CYP2D6 Deletion), *6 (NM_000106.5:c.454delT), *7 (NM_000106.5:c.971A>C), *8 (NM_000106.5:c.505G>T; c.886C>T; c.1457G>C), *9 (NM_000106.5:c.841_843delAAG), *10 (NM_000106.5:c.100C>T; c.1457G>C), *11 (NM_000106.6:c.181-1G>C; NM_000106.5:c.886C>T; c.1457G>C), *12 (NM_000106.5:c.124G>A; c.886C>T; c.1457G>C), *14 (NM_000106.5:c.505G>A; c.886C>T; c.1457G>C), *15 (NM_000106.6:c.137dup), *17 (NM_000106.5:c.320C>T; c.886C>T; c.1457G>C), *41 (NM_000106.5:c.985+39G>A; c.886C>T; c.1457G>C), *114 (NM_000106.5:c.100C>T; c.505G>A; c.886C>T; c.1457G>C). gene duplication; CYP3A4 *13 (NM_017460.5:c.1247C>T), *15A (NM_017460.5:c.485G>A), *22 (NM_017460.5:c.522-191C>T); HLA-B*1502; rs1061235 (NM_002116.7:c.*66A>T); HTR2A -1438G>A (NM_000621.4:c.-998G>A); SLC6A4 L, S; UGT1A4 *3 (NM_007120.2:c.142T>G); UGT2B15 *2 (NM_001076.3:c.253G>T). *1 is the reference allele and is reported by default if the other tested alleles are not detected. Interactions with smoking describe the gene-drug-environment interaction of CYP1A2 -163C>A, smoking status, and CYP1A2 substrates. Other drug-smoking interactions may exist. Interactions between marijuana smoking and the metabolism of CYP1A2 substrates have been observed and are expected to be mechanistically similar to the interactions between tobacco smoking, CYP1A2 substrates, and the CYP1A2 -163C>A variant.

This test was developed and its performance characteristics determined by Assurex Health. It has not been cleared or approved by the U.S. Food and Drug Administration. These interpretations are based upon data available in scientific literature and prescribing information for the relevant drugs. Interpretations are, in some instances, based on data regarding the pharmacokinetic, pharmacodynamic and pharmacogenomics properties of a drug derived from non-clinical studies (e.g. *in vitro* studies). Findings from studies performed in a non-clinical setting or clinical studies involving healthy subjects are not necessarily indicative of clinical performance in a particular patient. References used to inform medication categorizations can be found here: <https://genesight.com/references>.

Report content approved on MM/DD/YYYY by:



Nina E. King, PhD, HCLD(ABB), CC(NRCC), CQ(NYSDOH)

Disclaimer of Liability

The information contained in this report is provided as a service and does not constitute medical advice. At the time of report generation this information is believed to be current and is based upon published research; however, research data evolves and amendments to the prescribing information of the drugs listed will change over time. While this report is believed to be accurate and complete as of the date issued, THE DATA IS PROVIDED "AS IS", WITHOUT WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. As medical advice must be tailored to the specific circumstances of each case, the treating healthcare provider has ultimate responsibility for all treatment decisions made with regard to a patient including any made on the basis of a patient's genotype. A patient's actual genotype or diplotype may be different from what is reported due to untested variants and technical limitations related to, but not limited to, phasing, copy number variations, and genetic variation in primer binding sites. This could impact patient phenotype and categorization results. Transplants, like bone marrow or liver, may also impact genotype results or applicability.

GeneSight Psychotropic is covered by U.S. Patent No. 9,111,028

Genetic testing was completed by a CLIA and CAP accredited laboratory in the United States located at:

6000 Mason-Montgomery Road

Mason, OH 45040

Laboratory Director: Nina King, PhD

Customer Service

Please contact 855.891.9415 or medinfo@genesight.com for assistance with report interpretation. For all other inquiries please contact 866.757.9204 or support@genesight.com.

GeneSight Psychotropic Test Version: 4.3 Sample