

1. Genomind, Inc.

Presenter: David Krause, MD

Code (s): PLA 0175U



0175U: Genomind® Professional PGx Express™ CORE, Genomind, Inc.

Public Comment	Rationale
81479 [GeneSight®] * 1.33 =\$2,842	15-result gene panel vs. 12-gene panel methodology via PCR is similar for both. Genomind performs 59 assays of common variants for the detection of rare variants. With modeling support tool, G-DIG®

CMS Annual Lab Meeting, June 22, 2020
Genomind, Inc. – (Krause, David)

Summary of Proposal

For consideration, crosswalk test CPT PLA 0175U to CPT 81479

PLA CODE	Name and Descriptor	Rationale
0175U	Genomind® Professional PGx Express™ CORE Psychiatry (eg, depression, anxiety), genomic analysis panel, variant analysis of 15 genes. A clinical outcomes-based decision support modeling tool, G-DIG that weights the influence of the various alleles/SNPs with respect to different psychotropic agents	15-result gene panel methodology via PCR is similar for both. Genomind performs 59 assays of common variants for the detection of rare variants. Analytically similar, clinical validity (CPIC, DPWG, Primary Literature, FDA labels for drugs) RCTs and Pharmacoeconomic Studies. G-DIG®. Professional consult via MD, PharmD and or PhD.



CPT Code	Name	Rationale
81479	GeneSight® Psychiatry (eg, depression, anxiety), genomic analysis panel, variant analysis of 12 genes and a clinical outcomes-based decision support modeling tool that weights the influence of the various alleles/SNPs with respect to different psychotropic agents	12-gene panel methodology via PCR

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Gene Comparison

Genomind Professional PGx Express®: Core	GeneSight® Psychotropic
SLC6A4	SLC6A4
HLA-A 1502	HLA-A 1502
HLA-B 3101	HLA-B 3101
HTR2A	HTR2A
CYP1A2	CYP1A2
CYP2B6	CYP2B6
CYP2D6	CYP2D6
CYP2C19	CYP2C19
CYP2C9	CYP2C9
CYP3A4/5	CYP3A4
UGT2B15	UGT1A4
MTHFR	UGT2B15
COMT	
BDNF	
MC4R	