

GENOMADIX CUBE CYP2C19 SYSTEM

DNA TESTING ON THE MOVE



RAPID⁴, ACCURATE⁴ AND PORTABLE DNA TESTING AT YOUR FINGERTIPS



SMALL FOOTPRINT

At only 4 inches cubed,⁹ the Genomadix Cube provides the power of molecular genotyping right at your fingertips, in any clinical setting.

NON-INVASIVE TEST, WITH NO SAMPLE PREPARATION REQUIRED

Simply swab the subject's cheek and insert the sample into the tube. No pipetting. No DNA extraction. No complicated procedures.⁴

IDENTIFYING CYP2C19 VARIANTS

APPROXIMATELY 3 IN 10 PEOPLE CARRY HIGH RISK MUTATIONS¹

The CYP2C19 enzyme plays a role in metabolizing at least 10% of current clinically used drugs including anti-platelet medication, antidepressants, and proton pump inhibitors.^{1,2} Genetic variability of CYP2C19 can affect the clinical effectiveness and safety of these drugs.² The Genomadix Cube CYP2C19 System identifies a patient's CYP2C19 *2, *3, and *17 genotype.⁴

RAPID CYP2C19 GENOTYPING

EMERGING EVIDENCE SUGGESTS THAT CYP2C19 GENOTYPING CAN IMPROVE OUTCOMES IN BOTH CARDIOVASCULAR AND CEREBROVASCULAR DISEASE ^{3,5}

Genomadix's compact, sample-to-result test allows real-time determination of a person's genotype. This allows Interventional Cardiologists, Neurologists and Radiologists access to rapid, DNA results for guided anti-platelet therapy. The Genomadix Cube CYP2C19 System performs PCR and delivers results in about an hour with no sample preparation required.⁴

PEER-REVIEWED CLINICAL PUBLICATIONS

SEVERAL STUDIES HAVE USED GENOMADIX CYP2C19 TECHNOLOGY^{6,7,8}

Publications include the TAILOR-PCI Randomized Clinical Trial published in JAMA⁶, an open-label randomized clinical trial of 5,302 US, Canadian, South Korean and Mexican patients undergoing percutaneous coronary intervention (PCI) for acute coronary syndromes (ACS) and stable coronary artery disease (CAD). The European POPular Genetics trial published in NEJM⁷, a randomized, open-label, assessor-blinded, 2,488 patient trial performed at 10 European sites and the RAPID-GENE trial published in the Lancet⁸, a prospective, randomized, proof-of-concept trial in 187 Canadian patients.

Liskwas M. Global distribution of CYP2C19 risk phenohypes diffecting safety and effectiveness of medications: Pharmacogenomics J. 2021 Apr;21(2):197-197. doi: 10.1038/ dispr2.002.0196-3. Epub 2020 Cot 20, PMID: 3038228.2. Zanger UM, Schwab M. Cytochrome PHSO enzymes in drug metabolism: regulation of gene expression, enzyme califylia, and impact of genetic variation. Pharmacol Ther. 2013;138:103–41: doi:org: 10.1016/j.pharmither.2012.12.007.3. kills MD, Williams AK, Lee CK, Stouffer GA, Clinical Utility of CMP2C19 Genohyping to Guide Antifolderlet Hareoy in Proteinst With an Acute Coronary Synatome or Undergoing Percultaneous Coronary Intervention. Arteneocetter Throm Vosce Biol. 2019 Apr;39(4): 447-652. doi: 10.1141/ATMSAHA, 18.311953. PMID: 30760018.4. Genotmadix Cube CYP2C19 System ED Instructions for Use. S.Lin, M.D., Ph.D., et al., Ticogelor Venus Clopidogie In CYP2C19 Usadaf-Statistical Coronary Intervention. Arteneocetter 30, 2021 Harg. J. Mb 2013, 2023 2023 2023 2023 2023 2024 2023 24(4):761-771. doi:10.1001/j.ama.2020.12443 7.ten Berg, MD, PHD et al., A Genotype-Guided Strategy for Cord IP2/12 2011/14/ATMSAHA, 18.311953. doi:10.1016/J.PHZ-1000.001.01453/HD. et al., Phinto-PHC Engl J.Med 2012 202324(4):761-771. doi:10.1001/j.ama.2020.12443 7.ten Berg, MD, PHD et al., A Genotype-Guided Strategy for Cord IP2/12 2011/14/ATMSAHA 202324(4):761-771. doi:10.1001/j.ama.2020.12443 7.ten Berg, MD, PHD et al., A Genotype-Guided Strategy for Cord IP2/12 2011/14/ATMSAHA 202324(4):761-771. doi:10.1001/j.ama.2020.12443 7.ten Berg, MD, PHD et al., A Genotype-Guided Strategy for Cord IP2/12 2011/14/ATMSAHA 202324(4):761-771. doi:10.1001/j.ama.2020.12443 7.ten Berg, MD, PHD et al., A Genotype-Guided Strategy for Cord IP2/12 2011/14/ATMSAHA 202324(4):761-771. doi:10.1001/j.ama.2020.12443 7.ten Berg, MD, PHD et al., A Genotype-Guided Strategy for Cord IP2/12 2011/14/BHD et al., A Genotype-Guided Strategy for Cord IP2/12 2011/14/BHD et al., A Genotype-Guided Strategy for Cord IP2/12 2011/14/BHD et al., A Genotype-Guided Stra

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CE-IVD Mark 17-Dec-2019 UKCA Mark Pending In September 2021, Genomadix Inc. (Genomadix) acquired the assets of Spartan Biosciences (Spartan).