

Otorga la presente / Grants this

## ACREDITACIÓN 1211/LE2335

a la entidad técnica / to the technical entity

### HEALTH IN CODE, S.L.

Según criterios recogidos en la Norma UNE-EN ISO 15189, para la realización de análisis definidos en el ANEXO TÉCNICO adjunto.

According to the criteria in UNE-EN ISO 15189 for the performance of analysis as defined in the attached Technical Annex.

Fecha de entrada en vigor / Coming into effect: 29/07/2016

D. José Manuel Prieto Barrio  
Presidente

La acreditación mantiene su vigencia hasta notificación en contra. Este documento no tiene validez sin su correspondiente anexo técnico, cuyo número coincide con el de la acreditación.

La presente acreditación y su anexo técnico están sujetos a modificaciones, suspensiones temporales y retirada. Su vigencia puede confirmarse en [www.enac.es](http://www.enac.es).

The accreditation maintains its validity unless otherwise stated. The present accreditation is not valid without its corresponding technical annex, which number coincides with the accreditation. This accreditation and its technical annex could be reduced, temporarily suspended and withdrawn. The state of validity of it can be confirmed at [www.enac.es](http://www.enac.es).

ENAC es firmante del Acuerdo Europeo de Reconocimiento Mutuo firmado entre Organismos Nacionales de Acreditación ([www.european-accreditation.org](http://www.european-accreditation.org)).

ENAC is signatory of the European Recognition Agreement signed among National Accreditation Bodies ([www.european-accreditation.org](http://www.european-accreditation.org))

Ref.: CLCI/7672 Fecha de emisión 29/07/2016

**ANEXO TÉCNICO**  
**ACREDITACIÓN Nº 1211/LE2335**  
*SCHEDULE OF ACCREDITATION*

**Entidad/Entity: HEALTH IN CODE, S.L.**

Dirección/Address: Edificio El Fortín. Hospital Marítimo de Oza. As Xubias, s/n;  
15006 Coruña (A CORUÑA)

**Norma de referencia/Reference Standard: UNE-EN ISO 15189: 2013**

**FASE PREANALÍTICA /PREANALYTICAL PHASE**

| ESPÉCIMEN/MUESTRA<br><i>SPECIMEN/SAMPLE</i>      |  |
|--|--|
| Sangre, Saliva, ADN<br><i>Blood, Saliva, DNA</i> | Manipulación y gestión de muestras<br><i>Sample management</i> |

**GENÉTICA MOLECULAR /MOLECULAR GENETICS**

| ESPÉCIMEN/MUESTRA<br><i>SPECIMEN/SAMPLE</i>      | ANÁLISIS<br>(Método)<br><i>EXAMINATION<br/>(Method)</i>  |
|--|--|
| Sangre, Saliva, ADN<br><i>Blood, Saliva, DNA</i> | <p>Detección de variantes (SNPs, INDELS) en genes relacionados con arritmias cardíacas: miocardiopatías, canalopatías, fibrilación auricular y trastornos de conducción (218 genes) mediante secuenciación paralela masiva de librerías de ADN obtenidas a partir de un método de enriquecimiento por captura híbrida</p> <p><i>Detection of genetic variants (SNPs, INDELS) associated with cardiac arrhythmias: myocardopathies, channelopathies, atrial fibrillation and cardiac conduction disorders (218 genes) via massive parallel sequencing of DNA libraries obtained through a hybrid-capture targeted enrichment method</i></p> |

## LISTADO DE GENES INCLUIDOS EN EL PANEL

|          |         |        |          |          |
|----------|---------|--------|----------|----------|
| A2ML1    | DES     | JPH2   | MYOZ2    | SCO2     |
| AARS2    | DLD     | JUP    | MYPN     | SDHA     |
| ABCC9    | DMD     | KCNA5  | NEBL     | SGCA     |
| ACAD9    | DNAJC19 | KCND2  | NEXN     | SGCB     |
| ACADVL   | DNM1L   | KCND3  | NF1      | SGCD     |
| ACTA1    | DOLK    | KCNE1  | NKX2-5   | SHOC2    |
| ACTC1    | DSC2    | KCNE2  | NKX2-6   | SLC22A5  |
| ACTN2    | DSG2    | KCNE3  | NNT      | SLC25A3  |
| AGK      | DSP     | KCNE5  | NOS1AP   | SLC25A4  |
| AGL      | DTNA    | KCNH2  | NOTCH1   | SLMAP    |
| AGPAT2   | ELAC2   | KCNJ2  | NPPA     | SNTA1    |
| AKAP9    | EMD     | KCNJ5  | NRAS     | SOS1     |
| ALMS1    | EYA4    | KCNJ8  | OBSCN    | SOS2     |
| ANK2     | FAH     | KCNK17 | OBSL1    | SPEG     |
| ANK3     | FGF12   | KCNK3  | OPA3     | SPRED1   |
| ANKRD1   | FHL1    | KCNQ1  | PDHA1    | SURF1    |
| ANO5     | FHL2    | KLF10  | PDLIM3   | SYNE1    |
| ATP5E    | FHOD3   | KRAS   | PERP     | SYNE2    |
| ATPAF2   | FKRP    | LAMA2  | PHKA1    | TAZ      |
| BAG3     | FKTN    | LAMA4  | PITX2    | TBX20    |
| BRAF     | FLNC    | LAMP2  | PKP2     | TBX5     |
| BSCL2    | FOXD4   | LDB3   | PKP4     | TCAP     |
| CACNA1C  | FOXRED1 | LDLR   | PLN      | TGFB3    |
| CACNA1D  | FXN     | LIAS   | PMM2     | TMEM43   |
| CACNA2D1 | GAA     | LMNA   | PPP1R13L | TMEM70   |
| CACNB2   | GATA4   | LZTR1  | PRDM16   | TMPO     |
| CALM1    | GATA5   | MAP2K1 | PRKAG2   | TNNC1    |
| CALM2    | GATA6   | MAP2K2 | PSEN1    | TNNI3    |
| CALM3    | GATAD1  | MIB1   | PSEN2    | TNNI3K   |
| CALR3    | GFM1    | MLYCD  | PTPN11   | TNNT2    |
| CAPN3    | GJA1    | MRPL3  | PTRF     | TOR1AIP1 |
| CASQ2    | GJA5    | MRPL44 | RAF1     | TPM1     |
| CAV3     | GLA     | MRPS22 | RANGRF   | TRDN     |
| CHRM2    | GLB1    | MTO1   | RASA2    | TRIM63   |
| COA5     | GNPTAB  | MURC   | RBM20    | TRPM4    |
| COA6     | GPD1L   | MYBPC3 | RIT1     | TSFM     |
| COL7A1   | GREM2   | MYH11  | RRAS     | TTN      |
| COQ2     | GUSB    | MYH6   | RYR2     | TTR      |
| COX15    | HCN4    | MYH7   | SCN10A   | TXNRD2   |
| COX6B1   | HFE     | MYL2   | SCN1B    | VCL      |
| CRYAB    | HRAS    | MYL3   | SCN2B    | XK       |
| CSRP3    | IDH2    | MYLK2  | SCN3B    | ZFH3     |
| CTNNA3   | ILK     | MYOM1  | SCN4B    |          |
| CTNNB1   | IRX3    | MYOT   | SCN5A    |          |