

## Anlage 6 zur Erklärung nach Art. 5 Abs. 5 lit. f der Verordnung (EU) 2017/746 über In-vitro-Diagnostika (IVDR) über die Eigenherstellung von Produkten in der Gesundheitseinrichtung

### Fachbereich Humangenetik

| In-Haus IVD       | Einzel diagnostik/Erkrankung<br>(molekulargenetische Untersuchungen) | Untersuchungsmethode                         |
|-------------------|----------------------------------------------------------------------|----------------------------------------------|
| HUM-NGS 00001.003 | Bindegewebserkrankungen-Hypermobilitätssyndrome                      | Next Generation Sequencing<br>(HUM_AM-00863) |
| HUM-NGS 00001.004 | Ehlers-Danlos-Syndrom                                                |                                              |
| HUM-NGS 00001.005 | Marfan                                                               |                                              |
| HUM-NGS 00001.006 | Adipositas                                                           |                                              |
| HUM-NGS 00001.007 | Kongenitale adrenale Hyperplasie (CAH)                               |                                              |
| HUM-NGS 00001.008 | Endokrine Tumore                                                     |                                              |
| HUM-NGS 00001.009 | Hyperparathyreoidismus / Hypoparathyreoidismus                       |                                              |
| HUM-NGS 00001.010 | Hyperinsulinismus (HI)                                               |                                              |
| HUM-NGS 00001.011 | Hyperkalzämie (FHH) / Hypokalzämie (ADH)                             |                                              |
| HUM-NGS 00001.012 | Differences of sexual development (DSD)                              |                                              |
| HUM-NGS 00001.013 | Kallmann Syndrom                                                     |                                              |
| HUM-NGS 00001.014 | MODY                                                                 |                                              |
| HUM-NGS 00001.015 | Nebenniereninsuffizienz                                              |                                              |
| HUM-NGS 00001.016 | Primärer Hyperaldosteronismus (PHA)                                  |                                              |
| HUM-NGS 00001.017 | Schilddrüse / kongenitale Hypothyreose / Hyperthyreose               |                                              |
| HUM-NGS 00001.018 | Schilddrüsenkarzinom                                                 |                                              |
| HUM-NGS 00001.019 | Wachstumshormonmangel                                                |                                              |
| HUM-NGS 00001.020 | Makrozephalie                                                        |                                              |
| HUM-NGS 00001.021 | Noonan Syndrom                                                       |                                              |
| HUM-NGS 00001.022 | Rett-like Angelman-like                                              |                                              |
| HUM-NGS 00001.023 | Autoimmunzytopenie                                                   |                                              |
| HUM-NGS 00001.024 | Makrothrombozytopenie                                                |                                              |
| HUM-NGS 00001.025 | seltene Gerinnungsstörungen                                          |                                              |
| HUM-NGS 00001.026 | Thrombozytopathie                                                    |                                              |
| HUM-NGS 00001.027 | Thrombozythopathie plus Albinismus                                   |                                              |
| HUM-NGS 00001.028 | Thrombozytopenie                                                     |                                              |
| HUM-NGS 00001.029 | Thrombozytopenie (morphologisch auffällig)                           |                                              |
| HUM-NGS 00001.030 | BOR-Syndrom                                                          |                                              |
| HUM-NGS 00001.031 | Hörstörung dominant non syndromal                                    |                                              |
| HUM-NGS 00001.032 | Hörstörung rezessiv non syndromal                                    |                                              |
| HUM-NGS 00001.033 | Usher Syndrom                                                        |                                              |
| HUM-NGS 00001.034 | Waardenburg Syndrom                                                  |                                              |
| HUM-NGS 00001.035 | Alacrimia                                                            |                                              |
| HUM-NGS 00001.036 | Arrhythmogene rechtsventrikuläre Kardiomyopathie (ARVC)              |                                              |
| HUM-NGS 00001.037 | Brugada-Syndrom (BrS)                                                |                                              |
| HUM-NGS 00001.038 | Catecholaminerge polymorphe ventrikuläre Tachykardie (CPVT)          |                                              |
| HUM-NGS 00001.039 | Dilatative Kardiomyopathie (DCM)                                     |                                              |
| HUM-NGS 00001.040 | Hypertrophe Kardiomyopathie (HCM)                                    |                                              |

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|-------------------|--------------------------------------------------------|
| HUM-NGS 00001.041 | Long QT-Syndrom (LQTS)                                 |
| HUM-NGS 00001.042 | Non-compaction Kardiomyopathie (NCCM)                  |
| HUM-NGS 00001.043 | Pulmonal-Arterielle Hypertonie                         |
| HUM-NGS 00001.044 | Restriktive Kardiomyopathie (RCM)                      |
| HUM-NGS 00001.045 | Short QT-Syndrom (SQTS)                                |
| HUM-NGS 00001.046 | Dentinogenesis Amylogenesis Imperfecta                 |
| HUM-NGS 00001.047 | Distale Arthrogrypose                                  |
| HUM-NGS 00001.048 | Extremitätenfehlbildung                                |
| HUM-NGS 00001.049 | Hochwuchs                                              |
| HUM-NGS 00001.050 | idiopathischer Kleinwuchs                              |
| HUM-NGS 00001.051 | Kalzium Phosphat                                       |
| HUM-NGS 00001.052 | Kraniosynostosen                                       |
| HUM-NGS 00001.053 | Kurzrippen-Polydaktylie-Syndrome                       |
| HUM-NGS 00001.054 | Metaphysäre Dyplasie                                   |
| HUM-NGS 00001.055 | Multiple epiphysäre Dysplasie                          |
| HUM-NGS 00001.056 | Oligodontie                                            |
| HUM-NGS 00001.057 | Osteopetrose                                           |
| HUM-NGS 00001.058 | Osteogenesis Imperfekta                                |
| HUM-NGS 00001.059 | Spondylometaphysäre Dysplasie                          |
| HUM-NGS 00001.060 | Stickler Syndrom                                       |
| HUM-NGS 00001.061 | Cholestase, Gamma GT nicht erhöht                      |
| HUM-NGS 00001.062 | Stoffwechselbedingte Cholestase                        |
| HUM-NGS 00001.063 | Cholestase, erweitertes Panel                          |
| HUM-NGS 00001.064 | chronische Pankreatitis                                |
| HUM-NGS 00001.065 | Hyperbilirubinämien                                    |
| HUM-NGS 00001.066 | Leberversagen                                          |
| HUM-NGS 00001.067 | Eisen- und Kupferspeicherkrankheiten                   |
| HUM-NGS 00001.068 | Pankreaskarzinom                                       |
| HUM-NGS 00001.069 | Glukoneogenese                                         |
| HUM-NGS 00001.070 | interstitielle Lungenerkrankung im Kindesalter (chILD) |
| HUM-NGS 00001.071 | PCD                                                    |
| HUM-NGS 00001.072 | Lymphödem                                              |
| HUM-NGS 00001.073 | Überwuchs                                              |
| HUM-NGS 00001.074 | Amyotrophe Lateralsklerose (ALS)                       |
| HUM-NGS 00001.075 | Kongenitale Myasthene Syndrome (CMS)                   |
| HUM-NGS 00001.076 | Myopathie                                              |
| HUM-NGS 00001.077 | Alport Syndrom und Nephropathie                        |
| HUM-NGS 00001.078 | Autosomal-dominante-tubuläre Nierenerkrankung          |
| HUM-NGS 00001.079 | Bartter-Gitelman Syndrom                               |
| HUM-NGS 00001.080 | CAKUT                                                  |
| HUM-NGS 00001.081 | Distale renal-tubuläre Azidose                         |
| HUM-NGS 00001.082 | Hypertonie und Hyperaldosteronismus                    |
| HUM-NGS 00001.083 | Joubert Syndrom                                        |
| HUM-NGS 00001.084 | Komplementerkrankungen                                 |
| HUM-NGS 00001.085 | KTx-Waitcomp                                           |
| HUM-NGS 00001.086 | Meckel Gruber Syndrom                                  |
| HUM-NGS 00001.087 | Nephronophthise                                        |

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| HUM-NGS 00001.088 | Nephrotisches Syndrom                                                        |
| HUM-NGS 00001.089 | Nierenkarzinom                                                               |
| HUM-NGS 00001.090 | Nierensteine                                                                 |
| HUM-NGS 00001.091 | Polyzystische Nieren                                                         |
| HUM-NGS 00001.092 | Senior Loken Syndrom                                                         |
| HUM-NGS 00001.093 | Agammaglobulinämie (PID)                                                     |
| HUM-NGS 00001.094 | ALPS                                                                         |
| HUM-NGS 00001.095 | Autoinflammation                                                             |
| HUM-NGS 00001.096 | CD4-Lymphozytopenie                                                          |
| HUM-NGS 00001.097 | Chronische mukokutane Candidiasis                                            |
| HUM-NGS 00001.098 | COVID-19                                                                     |
| HUM-NGS 00001.099 | CVID                                                                         |
| HUM-NGS 00001.100 | EBV                                                                          |
| HUM-NGS 00001.101 | Familiäres Mittelmeerfieber                                                  |
| HUM-NGS 00001.102 | Hereditäres Angioödem (HAE)                                                  |
| HUM-NGS 00001.103 | Hyper-IgE-Syndrom                                                            |
| HUM-NGS 00001.104 | Hyper-IgM-Syndrom                                                            |
| HUM-NGS 00001.105 | HSV-1-Anfälligkeit                                                           |
| HUM-NGS 00001.106 | MSMD                                                                         |
| HUM-NGS 00001.107 | Neutropenie                                                                  |
| HUM-NGS 00001.108 | Phagozytenfunktionsdefekte                                                   |
| HUM-NGS 00001.109 | T-B- SCID                                                                    |
| HUM-NGS 00001.110 | T-B+ SCID                                                                    |
| HUM-NGS 00001.111 | VEO-IBD                                                                      |
| HUM-NGS 00001.112 | Aminosäuren - Transportsystem Defekte                                        |
| HUM-NGS 00001.113 | Glutamat und Aspartat Metabolismus                                           |
| HUM-NGS 00001.114 | Harnstoffzyklusdefekte und angeborene Hyperammoniämie                        |
| HUM-NGS 00001.115 | Erkrankungen des Lysin, Hydroxylysin, Tryptophan und Histidin Metabolismus   |
| HUM-NGS 00001.116 | Organazidurien                                                               |
| HUM-NGS 00001.117 | Erkrankungen des Ornithin, Prolin, Hydroxyprolin und Oxalat Metabolismus     |
| HUM-NGS 00001.118 | Phenylalanin und Tyrosin Metabolismus                                        |
| HUM-NGS 00001.119 | Störungen des Metabolismus schwefelhaltiger Aminosäuren und hydrogen Sulfide |
| HUM-NGS 00001.120 | Serin und Glycin Metabolismus                                                |
| HUM-NGS 00001.121 | Verzweigketten-Krankheiten                                                   |
| HUM-NGS 00001.122 | Fruktose und Galaktose Metabolismus                                          |
| HUM-NGS 00001.123 | Glykogenspeicherkrankheiten (GSD)                                            |
| HUM-NGS 00001.124 | Pentose und Hexose Metabolismus                                              |
| HUM-NGS 00001.125 | Ketonkörper und Riboflavin Metabolismus                                      |
| HUM-NGS 00001.126 | Fettsäurenoxidation und Carnitin Metabolismus                                |
| HUM-NGS 00001.127 | Fettstoffwechselstörung HDL-Mangel                                           |
| HUM-NGS 00001.128 | Hypercholesterinämie                                                         |
| HUM-NGS 00001.129 | Hypertriglyceridämie                                                         |
| HUM-NGS 00001.130 | kombinierte Hyperlipidämie                                                   |
| HUM-NGS 00001.131 | Kongenitale Glykosylierungsstörungen - CDG Syndrome basis                    |
| HUM-NGS 00001.132 | Kongenitale Glykosylierungsstörungen - CDG Syndrome erweitert                |

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|-------------------|-------------------------------------------------|------------------------------------------|
| HUM-NGS 00001.133 | LDL-Mangel                                      |                                          |
| HUM-NGS 00001.134 | Lipodystrophie                                  |                                          |
| HUM-NGS 00001.135 | komplexen Moleküldegradierungen                 |                                          |
| HUM-NGS 00001.136 | Mukopolysaccharidosen und Oligosaccharidosen    |                                          |
| HUM-NGS 00001.137 | Neuronale Ceroid-Lipofuszinosen                 |                                          |
| HUM-NGS 00001.138 | Sphingolipidose                                 |                                          |
| HUM-NGS 00001.139 | Eisenstoffwechselstörung                        |                                          |
| HUM-NGS 00001.140 | Kupferstoffwechsels und andere Metalle          |                                          |
| HUM-NGS 00001.141 | Peptid-, Amin- und Polyaminstoffwechsel         |                                          |
| HUM-NGS 00001.142 | Glykophospholipid- und Glycerolipidstoffwechsel |                                          |
| HUM-NGS 00001.143 | Gallensäuren Metabolismus                       |                                          |
| HUM-NGS 00001.144 | Peroxismale Erkrankungen                        |                                          |
| HUM-NGS 00001.145 | Sphingolipiden                                  |                                          |
| HUM-NGS 00001.146 | Sterolsynthese                                  |                                          |
| HUM-NGS 00001.147 | Porphyrie                                       |                                          |
| HUM-NGS 00001.148 | Purin Metabolismus                              |                                          |
| HUM-NGS 00001.149 | Pyrimidin Metabolismus                          |                                          |
| HUM-NGS 00001.150 | Statin-assoziierte Myopathie                    |                                          |
| HUM-NGS 00001.151 | Cobalamin- und Folsäuremetabolismus             |                                          |
| HUM-NGS 00001.152 | Vitaminstoffwechsels                            |                                          |
| HUM-NGS 00001.153 | Familiärer Brust-Ovarialkrebs                   |                                          |
| HUM-NGS 00001.154 | Prostatakarzinom                                |                                          |
| HUM-NGS 00002.001 | MEFV - familiäres Mittelmeerfieber              | Sanger-Sequenzierung<br>(HUM_AM-00019)   |
| HUM-NGS 00002.002 | GJB2 (+ Multiplex-PCR)                          | Sanger-Sequenzierung<br>(HUM_AM-00842)   |
| HUM-NGS 00002.003 | Polycystin-1 (PKD1)                             | Sanger-Sequenzierung<br>(HUM_AM-00792)   |
| HUM-NGS 00003.001 | maternale Kontamination                         | Mikrosatellitenanalyse<br>(HUM_AM-00841) |
| HUM-NGS 00004.001 | Amyotrophe Lateralsklerose (ALS)                | Fragmentlängenanalyse<br>(HUM_AM-00680)  |

**Fachbereich Humangenetik / Tumorzytologie**

| In-Haus IVD   | Einzeldiagnostik/Erkrankung<br>(zytogenetische Untersuchungen) | Untersuchungsmethode                                        |
|---------------|----------------------------------------------------------------|-------------------------------------------------------------|
| HUM-TZ_01.001 | XL 5p15-5q31-5q33                                              | Fluoreszenz in situ Hybridisierung (FISH)<br>(HUM_AM-00883) |
| HUM-TZ_01.002 | XL 20q12-20q13.3-8cen                                          |                                                             |
| HUM-TZ_01.003 | XL RUNX1                                                       |                                                             |
| HUM-TZ_01.004 | XL BCR-ABL1-ASS                                                |                                                             |
| HUM-TZ_01.005 | XL NUP98                                                       |                                                             |
| HUM-TZ_01.006 | XL t(15;17) DF                                                 |                                                             |
| HUM-TZ_01.007 | XL t(6;9) DEK-NUP214                                           |                                                             |
| HUM-TZ_01.008 | XCE 8 blue                                                     |                                                             |
| HUM-TZ_01.009 | XL 5p15-9q22-15q22                                             |                                                             |
| HUM-TZ_01.010 | XL BCL6                                                        |                                                             |
| HUM-TZ_01.011 | XL DLEU-LAMP-12CEN                                             |                                                             |
| HUM-TZ_01.012 | XL ATM-TP53                                                    |                                                             |
| HUM-TZ_01.013 | 11q23-13q14                                                    |                                                             |
| HUM-TZ_01.014 | 15q22-9q34                                                     |                                                             |
| HUM-TZ_01.015 | 17p13-19q13                                                    |                                                             |
| HUM-TZ_01.016 | 1q21-8q21                                                      |                                                             |
| HUM-TZ_01.017 | 7q22-7q36                                                      |                                                             |
| HUM-TZ_01.018 | ABL1                                                           |                                                             |
| HUM-TZ_01.019 | XL ABL2 BA                                                     |                                                             |
| HUM-TZ_01.020 | ATM-CEN11                                                      |                                                             |
| HUM-TZ_01.023 | BIRC3-MALT1                                                    |                                                             |
| HUM-TZ_01.024 | XL CBFB                                                        |                                                             |
| HUM-TZ_01.025 | XL CDKN2A                                                      |                                                             |
| HUM-TZ_01.026 | CKS1B-CDKN2C                                                   |                                                             |
| HUM-TZ_01.027 | CEP4                                                           |                                                             |
| HUM-TZ_01.028 | CEP8                                                           |                                                             |
| HUM-TZ_01.029 | CEP9                                                           |                                                             |
| HUM-TZ_01.030 | CEP10                                                          |                                                             |
| HUM-TZ_01.032 | CEP17                                                          |                                                             |
| HUM-TZ_01.033 | CEP7-7q31                                                      |                                                             |
| HUM-TZ_01.034 | XCE X-Y                                                        |                                                             |
| HUM-TZ_01.035 | XL CRLF2 BA                                                    |                                                             |
| HUM-TZ_01.036 | CSF1R                                                          |                                                             |
| HUM-TZ_01.037 | Del7q22-q31                                                    |                                                             |
| HUM-TZ_01.038 | ETV6 br. ap                                                    |                                                             |
| HUM-TZ_01.039 | XL ETV6-RUNX1 DF                                               |                                                             |
| HUM-TZ_01.040 | EVI1                                                           |                                                             |
| HUM-TZ_01.041 | FGFR1                                                          |                                                             |
| HUM-TZ_01.042 | FIPL1-CHIC2-PDGFRa                                             |                                                             |
| HUM-TZ_01.043 | GATA2-MECOM                                                    |                                                             |
| HUM-TZ_01.044 | IGH br. ap. Plus                                               |                                                             |
| HUM-TZ_01.045 | XL BCL2 BA                                                     |                                                             |
| HUM-TZ_01.046 | IGH-CCND1 Plus                                                 |                                                             |
| HUM-TZ_01.047 | IGH-FGFR3 Plus                                                 |                                                             |
| HUM-TZ_01.048 | IGH-MAF                                                        |                                                             |

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| HUM-TZ_01.049    | IGH MAF-B                                                                                             |                                                    |
| HUM-TZ_01.050    | XL IGH-MALT1 DF                                                                                       |                                                    |
| HUM-TZ_01.051    | IGH-MYC                                                                                               |                                                    |
| HUM-TZ_01.052    | IGK                                                                                                   |                                                    |
| HUM-TZ_01.053    | XL 22q11-IGL BA                                                                                       |                                                    |
| HUM-TZ_01.054    | XL JAK2 BA                                                                                            |                                                    |
| HUM-TZ_01.055    | MLL (KMT2A)                                                                                           |                                                    |
| HUM-TZ_01.056    | XL MYC BA                                                                                             |                                                    |
| HUM-TZ_01.057    | PDGFRa                                                                                                |                                                    |
| HUM-TZ_01.058    | XL 5q32 PDGFRb BA                                                                                     |                                                    |
| HUM-TZ_01.060    | RARA br. ap                                                                                           |                                                    |
| HUM-TZ_01.061    | RB1                                                                                                   |                                                    |
| HUM-TZ_01.062    | TCF3                                                                                                  |                                                    |
| HUM-TZ_01.063    | TCF3-PBX1                                                                                             |                                                    |
| HUM-TZ_01.065    | XL TCRA-D                                                                                             |                                                    |
| HUM-TZ_01.066    | TCRB                                                                                                  |                                                    |
| HUM-TZ_01.067    | TLX1                                                                                                  |                                                    |
| HUM-TZ_01.068    | TLX3                                                                                                  |                                                    |
| HUM-TZ_01.069    | TP53-17cen                                                                                            |                                                    |
| HUM-TZ_01.070    | XL6q21-6q23-6cen                                                                                      |                                                    |
| HUM-TZ_01.073    | XL MECOM 3q26                                                                                         |                                                    |
| HUM-TZ_01.074    | XL t(8;21) plus                                                                                       |                                                    |
| HUM-TZ_01.075    | XL TET2                                                                                               |                                                    |
| HUM-TZ 00002.001 | Karyotypisierung von Blutlymphozyten<br>(Chromosomenbänderungsanalyse GTG<br>aus kultiviertem Gewebe) | Chromosomenbänderungsanalyse GTG<br>(HUM_AM-00023) |