

PATIENT HISTORY

Required fields are marked with an asterisk (*)

<p>*Indication for testing: <input type="checkbox"/> Diagnostic <input type="checkbox"/> Family history <input type="checkbox"/> Other:</p>		<p><input type="checkbox"/> Age of manifestation: <input type="checkbox"/> Unaffected</p>	
<p>*Describe the relevant clinical information (attach possible supportive material): Variants are reported based on the clinical information provided, therefore detailed phenotypic and clinical information increases the likelihood of the diagnosis.</p>			
<p>*Family history: A. Consanguinity <input type="checkbox"/> Yes <input type="checkbox"/> No B. Affected siblings <input type="checkbox"/> Yes <input type="checkbox"/> No C. Please describe other relevant family history:</p>		<p>Pedigree:</p>	
<p>Previous testing with abnormal results:</p>		<p>Previous testing with normal results:</p>	
<p>Please specify suspected differential diagnosis (if applicable):</p>		<p>Please specify genes of interest (if applicable):</p>	

INFORMED CONSENT FOR CONDUCTING GENETIC ANALYSES

Required fields are marked with an asterisk (*)

It is obligatory to make sure that the patient or their legal representative understands and signs the informed consent to conduct genetic analyses. One of the following documents is required by REFERENCE LABORATORY in order to allow them to legally conduct genetic analysis:

1. Patient's signed informed consent.

2. Informed consent signed by the healthcare professional stating that signed consent exists in the files

Please make sure that each sample is accompanied by the necessary document. A printout of informed consent must be provided for each person for whom a test is requested.

1. Patient's signed informed consent

By signing this informed consent I (or I as legal representative) confirm that I have been advised by my physician on the genetic basis, purpose, scope, type and implication of the planned genetic analysis and obtainable results, chances of possible prevention and or possible treatment of the potential disease and in view of any possible danger associated with providing the sample necessary for the genetic analysis and the obtaining of the genetic analysis results.

All my doubts have been allayed and I have had sufficient time to allow me to make an informed decision regarding the genetic analysis:

*Genetic analysis:

By signing this informed consent, I certify that I understand the following points (1.1-1.3):

1.1. The results of this test could reveal that I and/or my family members have an inherited disease or have an increased chance of being affected by a genetic disease. I am aware that this test might show previously undetected biological relationships including non-paternity.

1.2. I am conscious that the results of this test may prove to be uncertain regarding my genetic condition. Some genetic variants are known to generate diseases and others are known to be benign. In addition, there is a number of genetic variants that are found which are of uncertain significance. More extensive testing and or counselling may be recommended for me or family members depending on the results of this test.

1.3. I am aware that results from this test may be used with the intention of improving understanding, diagnostics and treatment of similar conditions and presented at meetings, for scientific publications and/or variant databases. I am under the understanding that no identifying information will ever be shown.

By signing this informed consent, I certify that I agree with the following points (1.4-1.8):

1.4. Analysis performance.

I give permission for Reference Laboratory to conduct the genetic analysis stated above

1.5. Collection and processing of personal data.

I certify that I give my permission for my physician and REFERENCE LABORATORY to collect and process my Personal Clinical Data, as far as is necessary in order to conduct the genetic analysis, also including transfers of my Personal Clinical Data between my physician and Reference Laboratory, across international borders. I understand that my Personal Clinical Data includes my personal details (including name and address), family relationships, age and date of birth, ethnicity, nationality, insurance information, symptoms and any other relative medical information, illnesses, any samples with identifiable genetic data and analysis results, and findings.

1.6. Reporting of the results.

In cases where REFERENCE LABORATORY is under instruction to do so I give authorisation for them to inform me, my physician or the requesting laboratory regarding the results of the genetic analysis and to provide when requested, the raw data of the genetic analysis to me, my physician or the requesting laboratory.

1.7. Long term storage and usage of my Personal Clinical Data and (remaining) sample.

I concede for my Personal Clinical Data and (remaining) sample to be used for verification of analysis results if necessary and aid in further research, improvement and development of diagnostic methods and therapeutic solutions. These measures may offer support, medical advice and guidance related to the diagnosis and treatment of potential diseases for me and my family.

My research data shall be treated as confidential and coded so that my identity shall not be revealed without the key code which will be in possession of Reference Laboratory. The coded research data may be processed within or outside of the European Union and only allowed to be issued for usage by others partaking in the study such as research groups or companies. I hereby give my permission for the usage of the abovementioned research data for the purposes stated here. The data will be stored for twenty years.

By ticking the relevant box underneath, I confirm that:

- I acknowledge that as long as prior consent has been given, REFERENCE LABORATORY will store (1) Personal Clinical Data and results of the genetic analysis I have provided and relevant information on (affected) family members – as long as they have given prior consent and (2) my sample (both the original and processed sample) for a period of up to 20 years and that this data and or remaining samples may be used for internal research, validation of procedures and service and product improvements and developments.
- I am aware that the sample taken for diagnostic purposes may be used for research and that this is voluntary, and that I am able to cancel this and retract my participation at any given moment, even before the study is completed. I am also aware that any data that has been collected up to the date of my decision to withdraw may also be used as part of the research.

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- I acknowledge that for the purpose of research, both scientific and commercial, and to aid with and contribute to the diagnosis of genetic alterations and diseases of other patients REFERENCE LABORATORY may at any time process my anonymized or pseudonymized Personal Clinical Data, e.g. into its databases and datasets relating to genetic diseases. External physicians, scientists and companies may be given access to pseudonymised or anonymised data for development purposes and so that they are able to carry out research.
- I concede that after twenty years have passed, the anonymity of my Personal Clinical Data and (remaining) sample are preserved and that they will become the property of REFERENCE LABORATORY. Both will then belong to REFERENCE LABORATORY'S archives and will be available for unrestricted use.
- I acknowledge that no compensation will be given for the usage of my Personal Clinical Data or sample by REFERENCE LABORATORY.
- I am aware that data in REFERENCE LABORATORY'S databases – once anonymized - cannot be destroyed upon request as it is unidentifiable and untraceable.
- I am aware that, due to its unidentifiable and untraceable nature, data in REFERENCE LABORATORY'S databases once anonymized cannot be destroyed upon request.

Yes, I give my consent to use my Personal Clinical Data and long-term storage of the sample as set out in Section 1.7 above.

No, I do not give my consent to use my Personal Clinical Data and long-term storage of the sample as set out in Section 1.7 above.

1.8. Reporting of secondary/incidental findings.

Clinical exome, whole exome and whole genome sequencing (CES, WES and WGS, respectively) are able to analyse thousands of genes simultaneously. As a result, there is the chance that a genetic variant not related to the original reason for which the test was requested is found. Known as incidental or secondary findings, these can provide information that is not linked in any way to your reported clinical symptoms, but could be of medical importance for your future diagnosis and treatment. We define secondary findings as pathogenic or probably pathogenic variants identified in the genes of the ACMG actionable gene list that will be studied intentionally (list available, PMID:27854360). Incidental findings are defined as pathogenic or probably pathogenic variants identified in other unrelated genes in the patient's clinic, found accidentally during the analytical process.

I give my consent to report secondary findings:

YES NO

I consent to the reporting of incidental findings:

YES NO

I give permission for Reference Laboratory to contact me in reference to further genetic research and/or other genetic services they may consider relevant to me in the future. I may disengage from such contact whenever I so wish.

I am aware that I have the right not to know the results of the genetic analyses as described in the aforementioned written explanation and that I can retract my consent for the future in full or in part at any given time.

If the undersigning is the patient's legal representative, he/she confirms to provide the above consent declarations on behalf of the patient.

*Date:	*Patient/Legal representative name:	*Patient/Legal representative signature:
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I am aware that the patient can exercise their right to have their genetic analyses results eliminated at any moment and such request shall be passed on to REFERENCE LABORATORY immediately and without delay. I authorise my own personal data to be stored on REFERENCE LABORATORY'S databases for purposes of organisation and invoicing.

I, the undersigned, confirm that consent has been given by the patient or his/her legal guardian and that if the signature is shown above then it is on file. I confirm that the patient or legal representative is capable of giving this consent, correct time frame was given to allow the patient and or legal representative to consider their decision and give consent and up to this moment has not exercised his/her right to find out the results of the genetic analyses.

*Date:	*Healthcare professional prescriber name:	*Healthcare professional prescriber signature:
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2. Informed consent signed by the healthcare professional stating that signed consent exists in the files

*Name of the patient/legal representative:		*Date of birth: dd/mm/yyyy
*Patient ID:	*Analysis requested:	

In order to legally carry out genetic analysis, a specific consent form is required by REFERENCE LABORATORY that must be signed by the patient and/or legal representative.

By signing, patients acknowledge and declare their consent in accordance with local requirements in the local language and under the specific circumstances of the institution the undersigned health care professional is working for.

I confirm that the requirements listed below are respectfully met and that consent that has been declared by the patient or their legal representative:

- With regards to the specific case, the patient has been informed of the scope, purpose, and Significance and type of the achievable results of the planned genetic tests and any possible limitations of the test, the planned usage of both samples and processed samples, possibilities of avoidance or treatment of a disease or health disturbance and the importance of the analysed genetic characteristics in relation to the patient's disease and any potential risks related to (1) generation of the sample required for genetic testing and (2) awareness of results of the genetic testing.
- The patient has been made aware that the test covers all disorders stated on the requisition form that exists on the files, and we will ensure that the results of the test will be transmitted to the patient in an appropriate way and that the results won't be given unless appropriate counselling is provided.
- Notification has been given to the patient that he/she has the right to (1) to end the testing process at any moment once it's been started in order to obtain the results, (2) revoke their consent when so desired, (3) to request destruction of all unknown test results, and (4) reject information regarding their test results.

I confirm that all questions have been correctly answered, that the patient was given adequate consideration time and that the patient has not exercised his/her not to know rights.

Please delete as required:

I confirm that, in order to carry out the analysis, the patient has given his/her consent for (1) the collection, processing and use of his/her sample and Personal Clinical Data by Reference Laboratory, (2) the storage of the sample for the necessary period of time in order to authenticate the results, (3) using family members' Personal Clinical Data for the above purposes (providing these family members have given their permission), (4) in cases where Reference Laboratory has been advised by a laboratory acting on my behalf, to inform the acting laboratory of the results of the genetic analysis, and (5) to provide if requested the instructing laboratory with the raw data of the genetic analysis.

I confirm that the patient has freed REFERENCE LABORATORY and its employees from their privacy obligations as physician or health care professional along with service providers that administer and manage databases and software for REFERENCE LABORATORY.

I confirm that the patient gives permission for REFERENCE LABORATORY to store and use his/her (1) Personal Clinical Data provided in the requisition form or by me, (2) Personal Clinical Data relating to the patients' family -providing they have given consent-, (3) the results of the genetic analysis, and the (4) remaining samples for a period of up to twenty years for the purpose of (a) additional examinations on the patient, (b) the authentication and study of the findings, (c) testing family members regarding the analysis stated in the consent or related analyses, (d) for quality assurance, (e) control of scientific developments related to the findings, (f) enhancing the knowledge of diagnostics and treatment of genetic diseases and (g) for both internal and external research related to genetic diseases.

I confirm that the patient requests that he/she is informed of secondary/incidental findings.

I confirm that the patient gives permission to store and use anonymized or pseudonymized test results that could contain data relating to the patients' health alongside other test results on a database to which physicians, researchers, scientists and pharmaceutical companies have access in order to carry out research and improve the diagnosis and research of genetic changes and disease overall. The results on this database are anonymised and may not be destroyed at any time.

I confirm that the patient's signature is on file for all the issues mentioned above and that I am aware of the patient's right to request to have their results eliminated if they are unknown to him/her and that this request will be passed on to REFERENCE LABORATORY.

I confirm that the consent form signed by the patient will be kept for an unlimited period and that this form will be passed on to REFERENCE LABORATORY if requested.

*Date	*Healthcare professional prescriber name	*Healthcare professional prescriber signature
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