

Laboklin GmbH & Co. KG, Steubenstraße 4, 97688 Bad Kissingen

Mr.
Niklas Sundberg
Tännfallsvägen 31
84695 Tännäs
Schweden

Report No.:	2608-W-782832
Date of arrival:	31.08.2026
Date of report:	03.09.2026
Testing started:	31.08.2026
Testing completed:	03.09.2026
Status of the report:	Final report

Species:	Dog
Breed:	Irish Red Setter
Gender:	Female
Name:	No Arjan
Stud book No.:	SE18750/2020
Chip No.:	752098100969504
Date of birth / Age:	24.01.2020
Type of sample:	eNat
Date sample was taken:	21.08.2026
Sampler:	Leg vet Ulrika Hermansson
Owner / Animal-ID:	Sundberg, Niklas
IT No. / Report-ID:	---

Canine Leukocytes Deficiency (CLAD) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for CLAD in the ITGB2-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Irish Setter, Irish Red and White Setter

Globoid Cell Leukodystrophy (Krabbe disease) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for GLD in the GALC-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Irish Setter

Progressive Retinal Atrophy (rcd1-PRA) - Irish Red Setter, Irish Red and White Setter - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for rcd1-PRA in the PDEB-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Irish Setter, Irish Red&White Setter

Progressive Retinal Atrophy (rcd4 PRA) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for rcd4-PRA in the C2orf71-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Australian Cattle dog, English Setter, Gordon Setter, Irish Setter, Irish Red&White Setter, Old Danish Pointing Dog, Polish Lowland Sheepdog, Polish Tatra Sheepdog, Poodle, Small Munsterlander, Tibetan Terrier, Japan Spitz

Notice: It is assumed that other, until now unknown, mutations exist as app. 10% of ill Irish and Gordon Setters and 80% of ill Tibet Terriers do not carry this mutation.

The current results are only valid for the sample submitted to our laboratory. The sender is responsible for the correct information regarding the sample material. The laboratory can not be made liable. Furthermore, any obligation for compensation is limited to the value of the tests performed.

There is a possibility that other mutations may have caused the disease/phenotype. The analysis was performed according to the latest knowledge and technology.

The laboratory is accredited for the performed tests according to DIN EN ISO/IEC 17025:2018. (except partner lab tests).

Sampling:

The following impartial person (veterinarian, breed warden, or similar) signed the form for the sampling and identity check of the animal:

Leg vet Ulrika Hermansson

These results are based on the sample material submitted to our laboratory.

This was suitable if not stated otherwise. The submitter is responsible for the accuracy of the information regarding the sample. This report can only be transmitted in toto and unchanged. Doing otherwise requires written permission from Laboklin GmbH & Co. KG.

LABOKLIN is an officially accredited laboratory according to DIN EN ISO/IEC 17025:2018, DAkkS No. D-PL-13186-01-01 D-PL-13186-1-02 and D-PL-13186-01-03. The accreditation applies to all test procedures listed in the accreditation certificate.



Hr.Dr. Beitzinger
Dipl.-Biol. Molekularbiologie

***** END of report *****

Sample ID: 2608-W-782832

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