

Scope of accreditation

Accredited as Testing laboratory according to SS-EN ISO/IEC 17025 and SS-EN ISO 15189

Karolinska Univeristy Laboratory – **1886**

Doping control laboratory/Clinical Pharmacology

Component/Examination	Sample type	Method/Measuring technique	Equipment	Unit	Site
ABP, Athlete Biological Passport Erythrocyter partikelkoncentration (B-EPK) Erythrocyter medelvolym (Erc(B)-MCV) Erythrocyter, volymfraktion (B-EVF) Hemoglobin (B-Hb) Hemoglobin massa (Erc(B)-MCH) Hemoglobinmassakoncentration (Erc (B)-MCHC) Leukocyter partikelkoncentration (B-LPK) Trombocyter partikelkoncentration (B-TPK) Retikulocytprocent (RET%) (Sysmex), endast idrottsprover Storleksvariation av röda blodkroppar (RDW-SD) (Sysmex), endast idrottsprover Fraktion av omogna retikulocyter (IRF) (Sysmex), endast idrottsprover	Blood	Flow cytometry with fluorescence impedance	Sysmex XN1000	10 ¹² /L fL % g/dL pg g/dL 10 ⁹ /L 10 ⁹ /L % fL %	Huddinge
Ephedrines Ephedrine Methylephedrine Cathine Pseudoephedrine	Urine	LC-HRMS	Thermo Q-Exactive,	µg/mL	Huddinge

Scope of accreditation

Accredited as Testing laboratory according to SS-EN ISO/IEC 17025 and SS-EN ISO 15189

Karolinska Univeristy Laboratory – **1886**

Doping control laboratory/Clinical Pharmacology

Component/Examination	Sample type	Method/Measuring technique	Equipment	Unit	Site
Erythropoietin	Urine, plasma, serum	SAR PAGE + blott	Electroforesis and BioRad camera		Huddinge
Erythropoietin	Urine, plasma, serum	Double blott	Nova BlotTE77 PWR BlotCycler och Bio-Rad Transfer		Huddinge
Formoterol	Urine	LC-HRMS	Thermo Q-Exactive,	ng/mL	Huddinge
GC-C-IRMS - Determination of testosterone related compounds origin	Urine	LC/GC-C-IRMS	Agilent LC 1260 Thermo Dionex UltiMate 3000, Thermo Delta V Plus	Delta C13 ‰ *	Huddinge
GC-MS/MS screening Endogenic and exogenic steroids, β 2 agonists	Urine	GC-MS/MS	Agilent G7000C	ng/mL	Huddinge
GC-MS/MS, confirmation	Urine	GC-MS/MS	Agilent G7000C	ng/mL	Huddinge

Scope of accreditation

Accredited as Testing laboratory according to SS-EN ISO/IEC 17025 and SS-EN ISO 15189

Karolinska Univeristy Laboratory – **1886**

Doping control laboratory/Clinical Pharmacology

Component/Examination	Sample type	Method/Measuring technique	Equipment	Unit	Site
GC-MS/MS, confirmation, Steroide profile	Urine	GC-MS/MS	Agilent G7000C	ng/mL	Huddinge
GH Screening Recombined and pituitary gland growth hormone	Serum	Differential Immunoliminometric method	Autolumat	ng/mL	Huddinge
GH Confirmation Recombined and pituitary gland growth hormone	Serum	Differential Immunoliminometric method	Autolumat	ng/mL	Huddinge
hGH biomarker	Serum	Radioactive Immouno-Assay	PerkinElmer wizard2		Huddinge
Humane Corion Gonadotrophine (hCG)	Urine	Enzymimmunoassay with fluoresence detection (ELFA)	Vidas 3	mIU/mL	Huddinge
Confirmation of classified doping substances, LC-HRMS	Urine	LC-HRMS	Thermo Q-Exactive,	ng/mL	Huddinge
Meldonium, confirmation	Urine	LC-MS/MS	Thermo Q-Exactive,	µg/mL	Huddinge

Scope of accreditation

Accredited as Testing laboratory according to SS-EN ISO/IEC 17025 and SS-EN ISO 15189

Karolinska Univeristy Laboratory – **1886**

Doping control laboratory/Clinical Pharmacology

Component/Examination	Sample type	Method/Measuring technique	Equipment	Unit	Site
Morphine	Urine	LC-MS/MS	Thermo Q-Exactive,	ng/mL	Huddinge
19-Norandrosterone	Urine	GC-MS/MS	Agilent G7000C	ng/mL	Huddinge
pH	Urine	Elektrode	Rudolph refraktometer Mettler Toledo pH-meter		Huddinge
Salbutamol	Urine	LC-HRMS	Thermo Q-Exactive,	ng/mL	Huddinge
Screening of classified doping substances, LC-HRMS	Urine	LC-HRMS	Thermo Q-Exactive,	ng/mL	Huddinge
Screening of forbidden peptides	Urine	LC-HRMS	Thermo Q-Exactive,	ng/mL	Huddinge
Specifik vikt	Urine	Turbidimetry	Rudolph refraktometer ATEGO SG mätare		Huddinge
THC-confirmation	Urine	GC-MS/MS	Agilent G7000C	ng/mL	Huddinge

Scope of accreditation

Accredited as Testing laboratory according to SS-EN ISO/IEC 17025 and SS-EN ISO 15189
Karolinska Univeristy Laboratory – **1886**

Doping control laboratory/Clinical Pharmacology

Activities outside the laboratory's own premises, so-called field activities, are not included in the accreditation.

The scope of accreditation is flexible according to specification in Appendix 1. The accredited body must always retain a current list of the scope for which it is accredited.