Salus
– innovation in life science –

AH diagnostics

Salus BioMed is a leading innovator in high-throughput genetic sequencing technologies and advanced spatial omics platforms, supporting both research and clinical applications. The company's sequencing systems are built on a robust and versatile architecture that incorporates the widely used P5 and P7 adapter design, ensuring seamless compatibility with libraries prepared for the most common NGS platforms. This allows researchers to integrate existing workflows effortlessly while benefiting from Salus' high-performance sequencing chemistry and instrumentation. With a strong global customer base and a proven record of delivering reliable, cutting-edge solutions, Salus BioMed empowers users across diverse scientific and industrial fields to accelerate discovery and achieve deeper biological insights.

CE-IVDR

ISO13485:2016

Saluseq Nimbo Sequencer

CE



· Recommended Applications ·

NIPT, mNGS / tNGS, Tumor Companion Diagnostics, 16S Sequencing, Forensics, etc.

Highlighted Features

Strike Fast

Hit the Target

No Need to Wait for Sample Pooling

Reads / Run	Data / Run	Sequencing Time
25 M - 100 M	1.25 Gb - 40 Gb	2.2 hr - 25 hr

Salus Pro Sequencer

CE



· Recommended Applications ·

NIPT, PGT-A, Genetic Diseases, Tumor Companion Diagnostics, mNGS / tNGS, WES, Forensics, etc.

Highlighted Features

Flexible

Accurate

Fast

Reads / Run	Data / Run	Sequencing Time
80 M - 2000 M	4 Gb - 600 Gb	4.8 hr - 43 hr

Salus EVO Sequencer



CE

· Recommended Applications ·

WES, WGS, Single Cell Sequencning and Spatial Transcriptomics, etc.

Highlighted Features

Ultimate Balance between Throughput and Speed

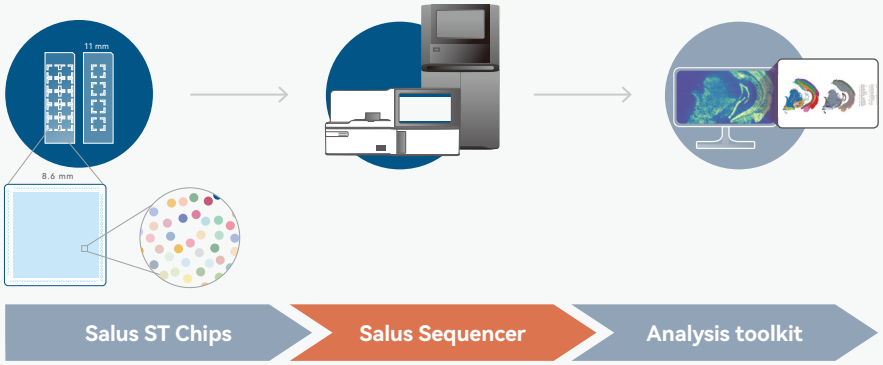
Reads / Run	Data / Run	Sequencing Time
1500 M - 6000 M	112.5 Gb - 1800 Gb	9.5 hr - 24 hr

A Broad Range of Sequencing Applications across Industry and Academic Research

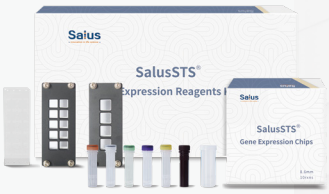


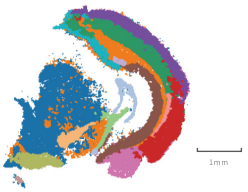
Salus Spatial Transcriptomics Solution

Molecular insights at subcellular resolution



Salus ST Chips → Salus Sequencer → Analysis toolkit





25 µm resolution

Key Features

Subcellular Resolution

A resolution of up to 1 µm, supporting precise spatial localization at the subcellular level.

Flexible Capture Area

Captures 1-10 samples either individually or in batches. The tissue and chip are firmly bonded through covalent bonds, ensuring high probe stability and minima batch-to-batch variation.

High Capture Efficiency

Ultra-high-density probes (~55000/µm^2), offering superior capture efficiency.

High Throughput

Captures a wide range of transcript data from the tissue section, facilitating the detection of novel and low-abundance transcripts.

Large Tissue Research

Supports chip sizes of 8.6 x 8.6 mm^2 and 11 x 11 mm^2, with customizable capture areas for larger tissues.

Customizable Probes

Supports both targeted and non-targeted capture, and is applicable to various species and tissue types.

With AH diagnostics you can always expect high-quality products and local experienced support.

We help laboratories within life science and diagnostics to reach optimal performance by providing innovative quality products and full workflow solutions.

Established in 1986, we have 40 years of experince and almost 50 highly educated employees in 5 offices across the Nordic countries. Today we are part of the Dominique Dutscher group, which enhances our ability to provide you with the best solution to fit your needs.

Connecting with us

+46 (0)8 680 0845 ahdiagnostics@ahdiagnostics.se www.ahdiagnostics.se