SAIBŌGEN

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A blood intelligence company

Saibogen is a joint venture of Hologen and Sysmex. It applies Hologen's Large Medicine Models to the data that Sysmex hematology analyzers capture in every routine blood count, giving researchers and clinicians a richer view of each patient from tests already being run, with no new instruments, reagents or samples.

COMPANY	Saibogen Pte. Ltd.
FOUNDED BY	Hologen (London, UK) and Sysmex Corporation (Kobe, Japan), as a joint venture
ANNOUNCED	Nov. 9, 2026
BASED IN	Singapore
CEO	Leila Luheshi
WHAT IT DOES	Learns from routine blood data at global scale and will deliver what it learns as software through Sysmex's hematology analyzers
STATUS	First offerings are for research use only
THE NAME	Saibō is Japanese for "cell." Gen comes from generative AI. Pronounced SY-boh-gen.

3 billion hematology tests a year on Sysmex analyzers

Tens of thousands cells measured in each count

190+ countries and regions with Sysmex products and services

Hematology test volume is approximate, based on Sysmex research.

Who we work with

Researchers

We deliver new insight from the blood samples your studies already collect, including prognostic and predictive signals.

Laboratories

We make the analyzers you already run a richer source of clinical insight, with no new instruments or reagents.

Clinicians

We aim, in time, to uncover finer distinctions between patients who look alike on standard values, and subtler changes between repeat tests. Every application is validated before it supports patient care.

How Saibogen works

01

Blood, the body's universal sensor

Blood reaches every tissue, its cells sensing and changing in response to their environment. Sysmex hematology analyzers run millions of complete blood counts (CBC) every day, accurately and reliably counting and characterizing tens of thousands of these cells in every sample.

02

Far more data in every sample

Every sample analyzed produces biologically rich data on each cell measured, far more than the routine CBC report shows. Saibogen's products are built to learn from all of it.

03

Learning from real-world diversity

Saibogen's models learn from very large numbers of routine samples, collected across many laboratories, analyzers and populations. Learning from this real-world diversity lets us tell true biological differences between people, and within the same person over time, apart from other confounding sources of variation.

04

A signature for every sample

Saibogen's products will extract biologically and clinically meaningful signatures from every cell in every sample. Signatures can be compared across individuals and over time, so patterns linked to health and disease can be recognized.

05

Models that keep learning

Our models are trained and improved continuously. As they process more samples, they learn more of the diversity of human health and disease, and similar samples group together more clearly.

06

One sample, many questions

Having learned that diversity, the same model can perform many different tasks for one sample or a whole population, without extensive retraining for each. New applications are added as software, so the analyzers that laboratories already run gain value over time. Our first offerings are for research use only.