

Serum biomarker

Serum biomarkers are defined as **substances** changing quantitatively in the serum during **tumor development**. Classically, a marker is synthesized by the tumor and released into circulation or expressed at the cell surface in large quantity by malignant cells.

- Ultra-low-input cell-free DNA sequencing for tumor detection and characterization in a real-world pediatric brain tumor cohort
- The potential impact of clindamycin on neurosurgery patients: a randomized controlled trial
- MicroRNA- 103 as a novel potential biomarker of poor prognosis and drug resistance in solid tumours
- Association between multiple serum biomarkers and cerebral vasospasm in patients with aneurysmal subarachnoid hemorrhage
- Glucose-potassium ratio: a prognostic biomarker enhancing outcome prediction in mild-to-moderate traumatic brain injury
- Prediction of outcomes following intravenous thrombolysis in patients with acute ischemic stroke using serum UCH-L1, S100beta, and NSE: a multicenter prospective cohort study employing machine learning methods
- Clinical utility of GAL-8, ITGbeta-1, and HIF-1alpha as non-invasive diagnostic and prognostic biomarkers for assessing glioma
- Blood biomarkers for predicting disability worsening in progressive multiple sclerosis: a multinational, individual participant-level analysis

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