

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

SigmaGel Software

RRID:SCR_014598

Type: Tool

Proper Citation

SigmaGel Software (RRID:SCR_014598)

Resource Information

URL: <http://cyberinncorp.com/SigmaGel.htm>

Proper Citation: SigmaGel Software (RRID:SCR_014598)

Description: Gel analysis software which can be used on a PC with TWAIN-compatible scanners without specialty equipment. Users scan or load an image which can then be calibrated. SigmaGel allows users to make lane measurements, spot measurements, and molecular weight measurements. After data analysis was completed, users can print or copy and paste data and images.

Synonyms: SigmaGel

Resource Type: software resource, software application, data analysis software, data processing software

Keywords: gel, gel analysis software, twain, data analysis

Availability: Available from SPSS Software

Resource Name: SigmaGel Software

Resource ID: SCR_014598

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260808T190014+0000

Ratings and Alerts

No rating or validation information has been found for SigmaGel Software.

No alerts have been found for SigmaGel Software.

Data and Source Information

Usage and Citation Metrics

We found 151 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Kibalnyk Y, et al. (2024) The chromatin regulator Ankrd11 controls cardiac neural crest cell-mediated outflow tract remodeling and heart function. *Nature communications*, 15(1), 4632.

Park DJ, et al. (2024) Epigallocatechin gallate improves neuronal damage in animal model of ischemic stroke and glutamate-exposed neurons via modulation of hippocalcin expression. *PloS one*, 19(3), e0299042.

Jung SR, et al. (2024) Lithium and exercise ameliorate insulin-deficient hyperglycemia by independently attenuating pancreatic β -cell mass and hepatic gluconeogenesis. *The Korean journal of physiology & pharmacology : official journal of the Korean Physiological Society and the Korean Society of Pharmacology*, 28(1), 31.

Jung SR, et al. (2021) Lithium enhances exercise-induced glycogen breakdown and insulin-induced AKT activation to facilitate glucose uptake in rodent skeletal muscle. *Pflügers Archiv : European journal of physiology*, 473(4), 673.

Luparello C, et al. (2021) Genotoxicity and Epigenotoxicity of Carbazole-Derived Molecules on MCF-7 Breast Cancer Cells. *International journal of molecular sciences*, 22(7).

Jung S, et al. (2021) Exercise Pills for Drug Addiction: Forced Moderate Endurance Exercise Inhibits Methamphetamine-Induced Hyperactivity through the Striatal Glutamatergic Signaling Pathway in Male Sprague Dawley Rats. *International journal of molecular sciences*, 22(15).

Bara? M, et al. (2021) Effect of Ripening in Brine and in a Vacuum on Protein, Fatty Acid and Mineral Profiles, and Antioxidant Potential of Reduced-Fat White Cheese. *Food technology and biotechnology*, 59(1), 44.

Park DJ, et al. (2021) Identification of regulated proteins by epigallocatechin gallate treatment in an ischemic cerebral cortex animal model: a proteomics approach. *The Journal of veterinary medical science*, 83(6), 916.

Milin?i? DD, et al. (2021) Skimmed Goat's Milk Powder Enriched with Grape Pomace Seed Extract: Phenolics and Protein Characterization and Antioxidant Properties. *Biomolecules*, 11(7).

Park DJ, et al. (2020) Quercetin Attenuates Decrease of Thioredoxin Expression Following Focal Cerebral Ischemia and Glutamate-induced Neuronal Cell Damage. *Neuroscience*, 428, 38.

Park DJ, et al. (2020) Quercetin Reduces Ischemic Brain Injury by Preventing Ischemia-induced Decreases in the Neuronal Calcium Sensor Protein Hippocalcin. *Neuroscience*, 430, 47.

Kang JB, et al. (2020) Decrease of 14-3-3 proteins by glutamate exposure in the cerebral cortex of newborn rats. *Laboratory animal research*, 36, 8.

Kang JB, et al. (2020) Decrease of protein phosphatase 2A subunit B by glutamate exposure in the cerebral cortex of neonatal rats. *Laboratory animal research*, 36, 34.

Park DJ, et al. (2019) Quercetin alleviates the injury-induced decrease of protein phosphatase 2A subunit B in cerebral ischemic animal model and glutamate-exposed HT22 cells. *The Journal of veterinary medical science*, 81(7), 1047.

Šertović E, et al. (2019) Physical, Chemical, Microbiological and Sensory Characteristics of a Probiotic Beverage Produced from Different Mixtures of Cow's Milk and Soy Beverage by *Lactobacillus acidophilus* La5 and Yoghurt Culture. *Food technology and biotechnology*, 57(4), 461.

Koziróg A, et al. (2018) Viability, Enzymatic and Protein Profiles of *Pseudomonas aeruginosa* Biofilm and Planktonic Cells after Monomeric/Gemini Surfactant Treatment. *Molecules* (Basel, Switzerland), 23(6).

Cho IA, et al. (2018) Angiopoietin-1 and -2 and vascular endothelial growth factor expression in ovarian grafts after cryopreservation using two methods. *Clinical and experimental reproductive medicine*, 45(3), 143.

Park DJ, et al. (2018) Diabetes aggravates decreases in hippocalcin and parvalbumin expression in focal cerebral ischemia. *Neuroscience letters*, 662, 189.

Kang JB, et al. (2018) Hyperglycemia aggravates decrease in alpha-synuclein expression in a middle cerebral artery occlusion model. *Laboratory animal research*, 34(4), 195.

Kim K, et al. (2018) Comparison of endoplasmic reticulum stress and mitochondrial biogenesis responses after 12 weeks of treadmill running and ladder climbing exercises in the cardiac muscle of middle-aged obese rats. *Brazilian journal of medical and biological research = Revista brasileira de pesquisas medicas e biologicas*, 51(10), e7508.