# Resource Summary Report

Generated by RRID on Aug 6, 2026

## Zeiss: Sigma VP Scanning Electron Microscope

RRID:SCR_020928
Type: Tool

### Proper Citation

Zeiss: Sigma VP Scanning Electron Microscope (RRID:SCR_020928)

### Resource Information

**URL:** https://www.biocompare.com/22559-Scanning-Electron-Microscopes-SEM/3046499-SIGMA/

**Proper Citation:** Zeiss: Sigma VP Scanning Electron Microscope (RRID:SCR_020928)

**Description:** ZEISS SIGMA VP field emission scanning electron microscope (FE-SEM) for imaging of non-conducting samples. It images of bacteria, cells, plants and organisms. Uses ATLAS software and can be combined with 3View technology from Gatan Inc.

**Resource Type:** instrument resource

**Keywords:** Zeiss, Scanning Electron Microscope, Instrument Equipment, USEDit

**Availability:** Commercially available

**Resource Name:** Zeiss: Sigma VP Scanning Electron Microscope

**Resource ID:** SCR_020928

**Alternate IDs:** Model_Number_Sigma

**Record Creation Time:** 20220129T080352+0000

**Record Last Update:** 20260801T190700+0000

### Ratings and Alerts

No rating or validation information has been found for Zeiss: Sigma VP Scanning Electron Microscope.

No alerts have been found for Zeiss: Sigma VP Scanning Electron Microscope.

### Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 3962 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID .


Pouchelon G, et al. (2022) A versatile viral toolkit for functional discovery in the nervous system. Cell reports methods, 2(6), 100225.

Chra??bi A, et al. (1998) Protease modulation of the activity of the epithelial sodium channel expressed in Xenopus oocytes. The Journal of general physiology, 111(1), 127.

Zimmer J, et al. (1998) Activity and phenotype of natural killer cells in peptide transporter (TAP)-deficient patients (type I bare lymphocyte syndrome). The Journal of experimental medicine, 187(1), 117.

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Cary LA, et al. (1998) Identification of p130Cas as a mediator of focal adhesion kinase-promoted cell migration. The Journal of cell biology, 140(1), 211.

Sarukhan A, et al. (1998) Changes in function of antigen-specific lymphocytes correlating with progression towards diabetes in a transgenic model. The EMBO journal, 17(1), 71.

Lowry MB, et al. (1998) Functional separation of pseudopod extension and particle internalization during Fc gamma receptor-mediated phagocytosis. The Journal of experimental medicine, 187(2), 161.

Akarsu ES, et al. (1998) Effect of ciliary neurotrophic factor on body temperature and cerebrospinal fluid prostanoids in the cat. Brain research bulletin, 45(1), 9.

Mattioli R, et al. (1998) Conditioned place-preference analysis in the goldfish with the H1 histamine antagonist chlorpheniramine. Brain research bulletin, 45(1), 41.

Ellis EA, et al. (1998) Increased NADH oxidase activity in the retina of the BBZ/Wor diabetic rat. Free radical biology & medicine, 24(1), 111.

Mosca L, et al. (1998) Melanins from tetrahydroisoquinolines: spectroscopic characteristics, scavenging activity and redox transfer properties. Free radical biology & medicine, 24(1), 161.

Gamaley IA, et al. (1998) Superoxide release is involved in membrane potential changes in mouse peritoneal macrophages. Free radical biology & medicine, 24(1), 168.

Chen H, et al. (1998) Inhibition of embryonic retinoic acid synthesis by aldehydes of lipid peroxidation and prevention of inhibition by reduced glutathione and glutathione S-transferases. Free radical biology & medicine, 24(3), 408.

Vergely C, et al. (1998) Influence of the severity of myocardial ischemia on the intensity of ascorbyl free radical release and on postischemic recovery during reperfusion. Free radical biology & medicine, 24(3), 470.

Tange Y, et al. (1998) A novel fission yeast gene, tht1+, is required for the fusion of nuclear envelopes during karyogamy. The Journal of cell biology, 140(2), 247.

Moll T, et al. (1998) In vitro degradation of endothelial catenins by a neutrophil protease. The Journal of cell biology, 140(2), 403.

Kyriakides TR, et al. (1998) Mice that lack thrombospondin 2 display connective tissue abnormalities that are associated with disordered collagen fibrillogenesis, an increased vascular density, and a bleeding diathesis. The Journal of cell biology, 140(2), 419.

Zhu DN, et al. (1998) Central amino acids mediate cardiovascular response to angiotensin II in the rat. Brain research bulletin, 45(2), 189.

Kindzelskii AL, et al. (1998) Oscillatory pericellular proteolysis and oxidant deposition during neutrophil locomotion. Biophysical journal, 74(1), 90.

Nagel G, et al. (1998) Voltage dependence of proton pumping by bacteriorhodopsin is regulated by the voltage-sensitive ratio of M1 to M2. Biophysical journal, 74(1), 403.