

SAOS-2 | 300331

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Description	SAOS-2 is a cell line derived from a human osteosarcoma. It is a highly proliferative, tumorigenic cell line that is widely used in research on bone cancer. The cells are derived from a 11-year-old male patient with a malignant osteosarcoma of the femur. The cells were established in 1971 and have since been maintained in culture. SAOS-2 cells are characterized by their ability to form osteoid, a mineralized extracellular matrix, and their sensitivity to anti-cancer drugs. They are also used as a model for studying the biology of bone cancer and the effects of various treatments.
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Organism	Human
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Tissue	Bone
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Disease	Osteosarcoma
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Synonyms	SAOS-2, Saos-2, SAOS 2, Saos 2, Saos2, SaOs2, SAOS2, Sarcoma OSteogenic-2, SaOS, SAOS
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Age	11 years
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Gender	Male
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Ethnicity	White
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Morphology	Epithelial cells
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Growth properties	Adherent, Epithelial
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Citation	SAOS-2 (SAOS-2) Cytion 300331
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0548
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Sterility

[illegible]

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XXXXXXXXXX STR

CSF1PO: 10
D13S317: 12,13
D16S539: 12,13
D5S818: 12
D7S820: 8,1
TH01: 6,9
TPOX: 8
vWA: 18
D3S1358: 14,18
D21S11: 28,3
D18S51: 15
Penta E: 14,19
Penta D: 11,12
D8S1179: 10,12
FGA: 22,25

XXXXXX HLA

A*: '02:01:01, '24:02:01
B*: '13:02:01, '44:27:01
C*: '06:02:01, '07:04:01
DRB1*: 11:04:01, 12:01:01
DQA1*: 05:05:01
DQB1*: 03:01:01
DPB1*: '02:01:02, '04:01:01
E: '01:01:01, '01:03:01