

AGS | 300408

Description

AGS (ATCC 300408) is a Gram-negative, aerobic, non-motile, rod-shaped bacterium. It is a member of the genus *Agrobacterium* and is commonly used in plant tissue culture and genetic engineering. The strain is characterized by its ability to form a symbiotic relationship with plants, leading to crown gall disease. It is a facultative anaerobe and grows on a wide range of media. The strain is non-pathogenic to humans and animals. It is a member of the family Rhizobiaceae and the order Rhizobiales. The strain is a member of the genus *Agrobacterium* and is commonly used in plant tissue culture and genetic engineering. The strain is characterized by its ability to form a symbiotic relationship with plants, leading to crown gall disease. It is a facultative anaerobe and grows on a wide range of media. The strain is non-pathogenic to humans and animals. It is a member of the family Rhizobiaceae and the order Rhizobiales.

Organism *Agrobacterium tumefaciens*

Tissue *Agrobacterium tumefaciens*

Disease *Agrobacterium tumefaciens* (Crown Gall)

Age 54 years

Gender Male

Ethnicity Caucasian

Morphology Gram-negative, aerobic, non-motile, rod-shaped bacterium

Growth properties Facultative anaerobe, grows on a wide range of media

Citation AGS (ATCC 300408) (ATCC 300408)

Biosafety level 2

NCBI_TaxID 9606

CellosaurusAccession CVCL_0139

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Protein expression P53

Tumorigenic BALB/c

Viruses 5

Karyotype = 47 = 39 92

Culture Medium DMEM 4.5 / 4 3.7 / NaHCO₃ 1.0 (82)

Supplements 10 FBS

Dissociation Reagent

Doubling time 24 48

Subculturing PBS

Seeding density 1×10^4 3 5

Fluid renewal 2 3

Freeze medium (FBS) + 10% DMSO

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HLA **A***: '02:01:01
B*: '52:01:02
C*: '07:02:01
DRB1*: '08:02:01
DQA1*: '04:01:01
DQB1*: '04:02:01
DPB1*: '02:01:02
E: '01:03:02