

AGS | 300408

Description
 AGS (Agaricus bisporus) is a species of mushroom in the family Agaricaceae. It is a common edible mushroom, often found growing in grassy areas. The fruiting body is typically a rounded, convex cap with a smooth, light-colored surface. The gills are closely spaced and light-colored. The stem is short and thick. The spores are smooth and light-colored. The mushroom is known for its mild, slightly nutty flavor and is a popular ingredient in many dishes. It is also a common model organism in biological research. The strain 300408 is a specific variety of Agaricus bisporus, characterized by its unique growth and fruiting properties. It is a highly productive strain, capable of producing large quantities of mushrooms under controlled conditions. The fruiting body is typically a rounded, convex cap with a smooth, light-colored surface. The gills are closely spaced and light-colored. The stem is short and thick. The spores are smooth and light-colored. The mushroom is known for its mild, slightly nutty flavor and is a popular ingredient in many dishes. It is also a common model organism in biological research.

Organism
 Agaricus bisporus
Tissue
 Agaricus bisporus
Disease
 None

Age
 54 days

Gender
 Male

Ethnicity
 European

Morphology
 Fruiting body: rounded, convex cap with smooth, light-colored surface. Gills: closely spaced, light-colored. Stem: short and thick. Spores: smooth and light-colored.

Growth properties
 Fruiting body: rounded, convex cap with smooth, light-colored surface. Gills: closely spaced, light-colored. Stem: short and thick. Spores: smooth and light-colored.

Citation
 AGS (Agaricus bisporus) 300408

Biosafety level
 2

NCBI_TaxID
 9606

CellosaurusAccession
 CVCL_0139

AGS | 300408

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

AGS | 300408

Thawing and Culturing Cells

1. Thaw the cells rapidly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in a pre-warmed medium.
3. Seed the cells into a pre-warmed medium. Incubate at 37°C for 24 hours.
4. Harvest the cells. Wash the cells with PBS. Resuspend the cells in a pre-warmed medium.
5. Seed the cells into a pre-warmed medium. Incubate at 37°C for 24 hours.
6. Harvest the cells. Wash the cells with PBS. Resuspend the cells in a pre-warmed medium.
7. Seed the cells into a pre-warmed medium. Incubate at 37°C for 24 hours.
8. Harvest the cells. Wash the cells with PBS. Resuspend the cells in a pre-warmed medium.

Incubation Atmosphere

37°C, 5% CO₂

Flask Coating

Flasks should be coated with the appropriate coating solution.

Freezing Procedure

Cells should be frozen in a freezing medium and stored at -80°C.

Shipping Conditions

Cells should be shipped at -78°C.

Storage Conditions

Cells should be stored at -150°C to -196°C.

/ / HLA

Sterility

Cells are provided in a sterile medium. The medium is tested for sterility (PCR) and is free of mycoplasmas. The cells are tested for sterility and are free of mycoplasmas.

AGS | 300408

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