Penis Envy Psilocybe Cubensis Spore Syringe UK | Double-Density Research Spores

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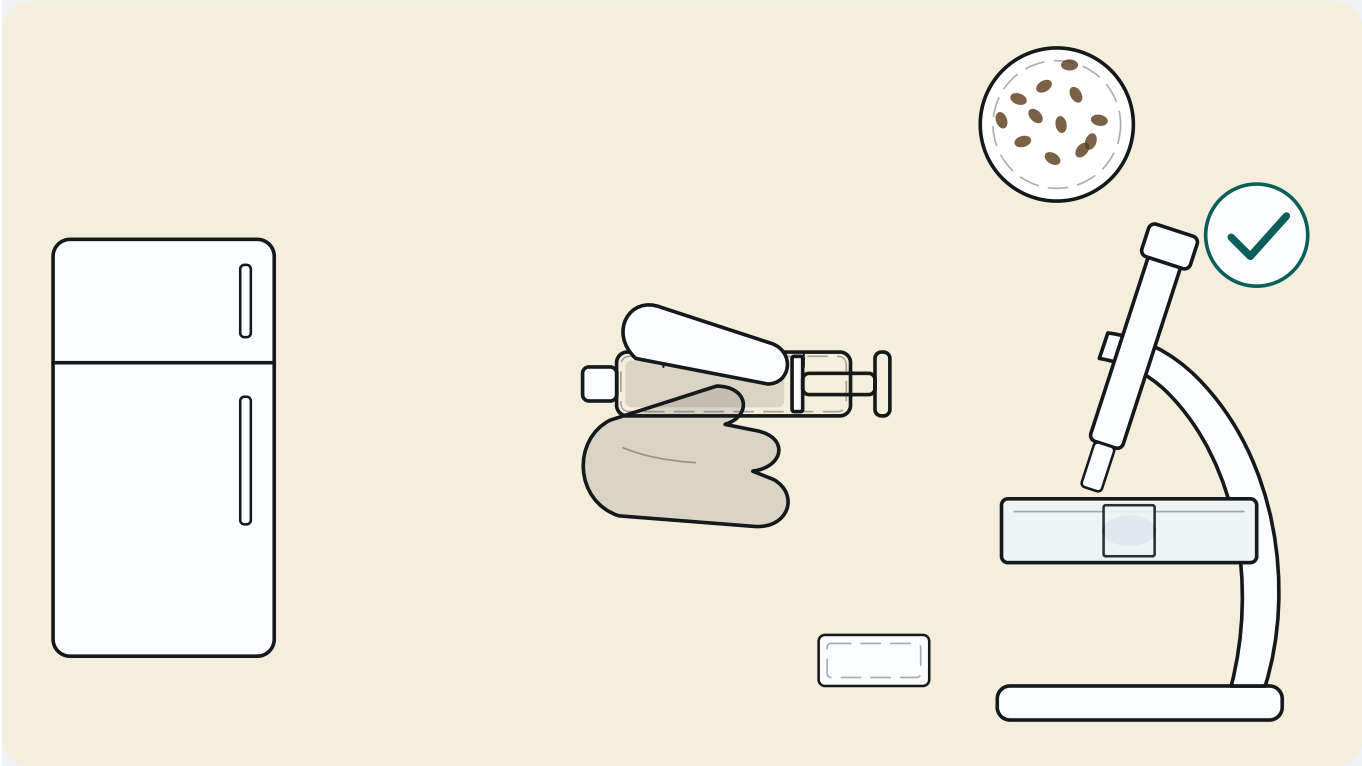
HOW THE SYRINGE IS USED FOR MICROSCOPY



1 Shake the syringe for ten seconds, cap on

2 Cap off

3 Needle on straight from its wrapper, never heated or wiped; cover off

4 One drop through the needle onto the slide

5 Coverslip down

6 Under the microscope: for microscopy and taxonomy

7 Needle off, end cap back on

8 Into the fridge at 2 to 8 °C

About Penis Envy

Penis Envy Psilocybe Cubensis – Double-Density Spore Syringe (UK). The Penis Envy Psilocybe cubensis spore syringe is one of the most recognised and widely studied microscopy strains. Known for its clear spore structure and lineage, this strain is frequently used by researchers comparing Psilocybe cubensis morphology and variation under the microscope. Prepared in HEPA-filtered UK laboratory conditions, each syringe contains a double-density spore solution for enhanced clarity and reliable slide preparation.

Under the microscope

Penis Envy spores are darkly pigmented, well-defined ellipsoids with a visible germ pore, and at 400× to 1000× a drop from the syringe gives a clear field for observation. The strain is a sparse spore producer and prints thinly, which is why syringes of the classic line have been hard to obtain; the double-density preparation gives a properly populated slide. The spore form is that of the species, and a Penis Envy slide next to a Golden Teacher or B+ slide shows how little the standard cubensis spore varies between named strains.

What it is used for

Penis Envy is the reference point for its family. It is a natural anchor for a comparison set with Penis Envy 6, Melmac, Albino Penis Envy or B+PE, so that the family can be examined side by side and the spread of spore dimensions within one lineage recorded. It is also used for general study of cubensis spore morphology, for teaching slide preparation, and as a named specimen in a reference collection, where the provenance of the source print is what gives the label its meaning.

Handling and storage

Store the syringe upright in the fridge at 2–8 °C, sealed and out of direct light, and do not freeze it; unopened it keeps for up to 6 months. One individually wrapped sterile needle is included. To prepare a slide, fit the needle, shake the syringe to disperse the spores and place a single drop on a clean slide under a coverslip. Recap between uses and return the syringe to the fridge. Spare needles and gloves are offered as extras.

Species	Psilocybe cubensis
Strain	Penis Envy
Format	Double-density spore suspension in a sterile syringe
Available volumes	2.5ml, 10ml and 20ml
Included	One individually wrapped sterile needle
Storage	Refrigerate at 2–8 °C; do not freeze
Shelf life	Up to 6 months unopened
Intended use	Microscopy and taxonomic research only

How to Study Psilocybe Cubensis Spores Under a Microscope

Disclaimer

- This guide is for microscopy and educational purposes only.
- Cultivating or germinating spores into mushrooms containing psilocybin is illegal in the UK.

Introduction

- Each spore is a tiny, structured cell, and under the lens it shows its shape, size, wall and pigmentation.
- SporeSyringes.co.uk supplies double-density Psilocybe cubensis spore syringes, every batch checked under the microscope before dispatch, so the field is well populated for beginners and professionals alike.

Step 1: Prepare Your Workspace

Choose a clean, well-lit area and wipe the surfaces with isopropyl alcohol. You need:

- A microscope (400 to 1000× magnification)
- Sterile slides and coverslips
- A spore syringe (2.5 ml, 10 ml or 20 ml)
- Gloves and alcohol wipes
- A still air box, if you have one, to keep contaminants away while the slide is prepared

Step 2: Applying the Spore Solution

1. Shake the syringe for ten seconds with its cap on, so the spores disperse evenly.
2. Cap off, then fit the sterile needle straight from its wrapper; never heat or wipe it.
3. Take the needle cover off and put one small drop of solution onto the microscope slide.
4. Lower a coverslip over the drop carefully, to avoid air bubbles.

5. Needle off, end cap back on, and the syringe back in the fridge at 2 to 8 °C.

You now have a ready-to-observe spore sample. Strain clarity

Step 3: Viewing Under the Microscope

- Start at 400× to find the spores, then move to 1000× for detail.
- Expect ellipsoid spores, each strain with its own surface texture and pigmentation. The one exception among the strains we have imaged is Creeper, whose spores are angular rather than ellipsoid under the electron microscope.
- Strains such as Golden Teacher, Albino A+ and Hill Billy are studied side by side; spore size and colour overlap between strains, so record what you see rather than expecting a signature for each.

Step 4: Recording Your Findings

Take photos or notes of each strain's spore pattern. Over time you will learn to identify:

- Spore size and shape
- Colour variations (dark brown, purple or translucent)
- Wall thickness and density

Step 5: Build Your Microscopy Collection

- Many enthusiasts collect and compare spores from various strains for taxonomy studies.
- Start with a reliable source such as SporeSyringes.co.uk, where every batch is checked under the microscope before it is released.

Advanced Observation Tips

- Use MEA agar plates to grow out gourmet cultures and observe mycelium under the microscope.
- Compare strains such as Golden Teacher and B+ side by side to see the variations in spore shape and density; our Golden Teacher vs B+ guide walks through the differences.
- Record what you see for each strain, so your collection becomes a reference you can return to.

Key Takeaway

- Studying Psilocybe cubensis spores connects science and wonder. With clean, double-density spore syringes and the right tools, anyone can explore the structure and diversity of these remarkable organisms: legally, safely and with precision.

Internal Links:

- Buy Magic Mushroom Spore Syringes UK
- Learn About Double Density Spores
- Still Air Boxes for Microscopy

Psilocybe cubensis spores are supplied for microscopy and taxonomy only.
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