

Leica CV Ultra versus Pertex



Introduction

Cytology lab technicians sometimes prefer Pertex, because of very quick fixing.

Tests were done and Pertex mounts a bit faster than Leica CV Ultra.

Initial fixing takes about 5 min versus 10 min for Leica CV Ultra. But after

1 hour the Leica CV Ultra and Pertex mount the cover glass to the same extent.

Details

Sticking performance tests were done, by mounting a cover glass on a microscopic slide after a bath of Xylene. Xylene was used, because Pertex infridges with ST Ultra. *

The time needed for the initial fixing was checked. Also viscosity has been checked and Pertex and Leica CV Ultra have more or less the same viscosity. So there is a small difference but for cytology use Leica CV Ultra is very well applicable.

In the table you will find an overview of the properties of both products.

* Leica ST Ultra will be available from December 2001 on

Criteria	CV Ultra (Leica)	Pertex (Histoline)
Initial mounting	10 min.	5 min.
Mounting after one hour	OK	OK
Contains Xylene	NO	YES!
Viscosity	Equal	Equal
Can be used with Xylene, ST Ultra, IPA	YES	Only Xylene
Thickens when used	NO	YES, addition of Xylene is necessary