



Cytology Product Range

Products to Achieve the Best Results

CellPath's innovative range of Cytology products are designed to improve laboratory practices whilst ultimately delivering better patient care. Being high quality assured, our consumables deliver improved laboratory efficiencies, better cell collection and significantly reduced patient discomfort.

The Cytology range includes specialised collection devices to suit your purposes; funnels that are compatible with the most commonly used centrifuges, circle slides, fixatives, stains and slide storage solutions.

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Based in the UK, CellPath Ltd is a manufacturer and distributor of pathology consumables, instruments & services.

Certified to:





Cytology Funnels

Manufactured to exacting standards

The Cytology Funnels offered by CellPath are the functional equivalent of the Thermo Shandon CytoFunnel®, and are used to deposit a thin layer of cells in a clearly defined area of a microscope slide.

A pre-attached filter card comes with each funnel, which absorbs any excess fluid during the deposition of cells. Sealing caps are also included.

Manufactured to exacting standards by American-based Biomedical Polymers Inc. (excluding the EcoFunnel), our range of Cytology funnels and disposable clips are fully compatible with the Shandon CytoSpin® centrifuge and come with easy-to-follow operational instructions.

*The Shandon CytoSpin® is registered trademark of Thermo Fisher Scientific





Single Cytology Funnel

with Filter Card — Disposable[0.4ml]

Accommodating sample volumes of up to 0.4ml, the single Cytology funnel provides lab staff with an easy, cost-efficient method of producing high-quality, thin-layer slide preparations.

The funnel comes with the option of having either a pre-attached white or brown filter card. The brown filter card absorbs samples at a slower rate than the white card, ideal for use with scanty specimens.

CellPath also offer individually wrapped single funnels.

Part No	Description	QTY
NND-4000-09A	Single Cytology Funnel - White Filter Card (Indiv. Wrapped)	50
NND-4000-10A	Single Cytology Funnel - White Filter Card (Loose)	500
NND-4001-09A	Single Cytology Funnel - Brown Filter Card (Indiv. Wrapped)	50



KEY BENEFITS

- Accommodates sample volumes of up to 0.4ml
- **2** Provides a consistent and homogeneous cell deposition area of 6mm
- **3** Filter cards come pre-attached
- **4** Optional brown filter card absorbs samples at a slower rate than white
- **5** Brown filter card, excellent for scanty specimens such as Cerebral Spinal Fluid
- 6 Funnel sealing caps included



Double Cytology Funnel

with Filter Card — Disposable[0.25ml]

The double Cytology funnel can hold sample volumes of up to 0.25ml, and is designed to process twice the number of sample preparations per run. As a result, it produces two 6mm cell deposition areas on each slide.

Like the single funnel, they are also available individually wrapped.

- 1 Accommodates sample volumes of up to 0.25ml
- Provides two consistent and homogeneous cell deposition areas of 6mm per slide
- 3 Funnel markings correspond to slide markings for simple identification
- 4 Pre-attached filter card
- 5 Funnel sealing caps included

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Part No	Description	QTY
NND-4004-08A	Double Cytology Funnel - White Filter Card (Indiv. Wrapped) 25
NND-4004-10A	Double Cytology Funnel - White Filter Card (Loose)	500



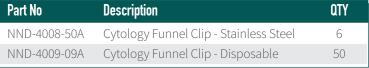
Cytology Funnel Clips

CellPath are able to provide either a stainless steel or disposable plastic clip, which are direct replacements to one another.

As with the metal clip, the innovative plastic clip holds the Cytology funnel snugly against the microscope slide during the centrifugation process. The plastic clips are disposable and eliminate the time and labour required to sanitise the metal clips after each use.

Both types of clip are compatible with the single and double chamber Cytology funnels (page 4).

Part No	Description	QTY
NND-4008-50A	Cytology Funnel Clip - Stainless Steel	6
NND-4009-09A	Cytology Funnel Clip - Disposable	50



Circle UniMark® & HistoBond® **Cytology Circle Slides***

The circle Cytology slides are specifically for use with a cytocentrifuge, and fully compatible with the CellPath Cytology funnels (page 4).

Each slide is pre-marked with one or two white circles (dependant on whether a single or double funnel is being used) which encourages the efficient and rapid location of cells to be diagnosed.

After deposition, each specimen is displayed within a numbered circle, corresponding to the Cytology funnel chamber, making it more convenient and professional than having to manually draw areas on a plain slide with a marker pen.

The HistoBond® Cytology circle slides differ from the Unimark® slides through having a permanent positively charged, saline treated surface to ensure higher levels of cell retrieval.

KEY FACTS

- 1 Made of soda lime glass of 3rd hydrolic class
- 2 Dimensions: approx 76 x 26mm, thickness approx 1mm
- **3** Suitable for marking with inkjet & laser printers, and permanent markers



Autoclavable

Part No	Description	QTY
MAP-0102-09A	Unimark® Slides White - Single Circle Cytology 76X26mm 90° Ground Edge	50
MAP-0102-09B	Unimark® Slides White - Double Circle Cytology 76X26mm 90° Ground Edge	50
MBJ-0102-02A	Histobond® + White - Single Circle Cytology 76X26mm 90° Ground Edge	100
MBJ-0102-02B	Histobond® + White - Double Circle Cytology 76X26mm 90° Ground Edge	100

^{*} Both the Unimark ® and Histobond® are trademarks of Marienfeld Superior.



EcoFunnel Mega Disposable Cytology Funnel

The EcoFunnel Mega Cytology funnel provides laboratory staff with a cost-efficient method for the production of thin-layer slide preparations for large volume specimens.

The large rectangular cell deposition area of the EcoFunnel Mega (21mm x 15mm) provides up to twelve times the sample volume of the single Cytology funnel, making them ideal for urine specimens. They are also suitable for the Shandon Cytospin®.



KEY BENEFITS

- 1 Designed to prepare large-volume samples of up to 6ml
- 2 Sedimentation field of 21x15mm for a higher cell yield
- 3 Suitable for both air-dried and fixed preparations, providing additional valuable diagnostic information
- 4 Funnel sealing caps included

Part No	Description	QTY
NNC-JC322/100	Ecofunnel Mega, Disposable Cytology Funnel	100



EcoFunnel Mega Slide+

Charged - White

Specifically developed for use with the EcoFunnel Mega Funnel, these positively charged slides are marked with a 21mm x 15mm rectangle which defines the area where cells are deposited. This enables an efficient screening of the slide.

The high density of positive charge ensures a high level of cell retrieval.



Part No	Description	QTY
MEC-0102-02A	Ecofunnel Mega Slide+ (Charged) - White	100



Liquid Based/Conventional Cytology

With samples collected in the same way as for conventional testing, CellPath has developed a range of uniquely shaped brushes and samplers with snap off or removable heads that can be easily deposited into preservative fluid.

Trials conducted at the Queen Elizabeth hospital, Gateshead have proved that the CerviBrush+™ Profile produced a single smear which was at least as good as two separate preparations made using an Ayre spatula and a conventional endocervical brush.



CerviBrush+ Profile[™] LBC Cervical Sampler

Suitable for conventional and liquid based Cytology, the CerviBrush+ ProfileTM LBC sampler possesses a uniquely shaped profile head that simultaneously collects material from both the ectocervix and endocervical zones, benefitting both patient and smear taker.

For clinics using liquid based Cytology, the brush head can be inserted into a preservative vial and snapped off. This ensures that the clinics receive the entire sample collected.

The brush head is securely moulded into the stem, which has an enlarged hexagonal handle for easy rotation.





KEY BENEFITS

- 1 Snap-off head for liquid based Cytology
- 2 Ultra-secure brush head
- 3 Simultaneously samples the endo and ecto cervix
- 4 Individually packaged
- **5** Hexagonal moulded handle ensures easy rotation and precise sampling

Part No	Description	QTY
NCA-0422-02A	CerviBrush+ Profile™ LBC Cervical Sampler	100

CerviBrush+[™] LBC Endocervical Sampler

Suitable for conventional and liquid based Cytology, these endocervical brushes offer an extremely effective method for collecting vulval, buccal, endocervical and nasal surface samples for cytological / microbiological examination.

Cellular material that has been collected is easily transferred by simply rolling the brush along the surface of the microscope slide.

Its effectiveness in comparison to conventional scrubs has been demonstrated through multiple validation trials.

The specifically designed hexagonal stem is enlarged at the handle section to provide enhanced grip.

Like the CerviBrush+ Profile™ LBC, the brush head can be inserted into a preservative vial and snapped off.





- 1 Snap-off head for liquid based Cytology
- 2 Ultra-secure brush head
- 3 Hexagonal moulded handle ensures easy rotation and precise sampling

Part No	Description	QTY
NCA-0780-02A	CerviBrush+™ LBC - (Endocervical Sampler)	100



Cervex Sampling Brush

The Cervex Samping Brush® is manufactured from polyethylene and has a total length of 20cm.

The head, which is used to obtain cell samples, is a soft, flexible brush which consists of 57 semi-circular plastic bristles of various lengths. The shape is such that the top edges of the brush follow the contours of the cervix. The middle and longest bristles reach deep into the endocervical canal. The shorter bristles will touch both the ectocervical area and transformation zone at the same time.

Through rotating the Cervex Sampling Brush five times in the cervical canal, all necessary cells can be collected in one movement, making it a comfortable investigation method for both patients and smear takers. The broom head and rod can be easily separated making it ideal for liquid based Cytology sampling.

The softness of the material eliminates the possibility of internal injuries and ensures no unsatisfactory smears are taken.



4 Suitable for both liquid based and conventional cytology

Part No	Description	QTY
NCD-730210	Cervex Sampling Brush	25

EndoCervex Sampling Brush

The EndoCervex Sampling Brush is a one piece Cytology brush designed to optimise cellular yield in Pap smear specimen collection. It provides 600 separate collection bristles for the simultaneous collection of cellular material.

The brush features a stiff yet flexible bristle head with a protective tip to enhance the overall collection process. A safety ring just below the bristle head will decrease the possibility of the brush entering the endometrium during collection. The brush head is detachable after use.

If using the convention testing method, transfer of the cells to the slide can be easily done with a painting action, applying first one side of the bristles and then the other.



- Reduced cell damage due to the application of soft-tip bristles
- 2 Incorporated safety ring decreases the possibility of the brush entering the endometrium during examination
- 3 Suitable for nearly every cervix shape
- 4 Used for both liquid based and conventional cytology

Part No	Description	QTY
NCD-0206-08A	EndoCervex Sampling Brush	50

Conventional Gynaecology Cytology

Cellpath Aylesbury® Spatula

Conventional Cervical Sampler

to the patient.



Part No	Description	QTY
NCB-0200-19A	Spatula 'Cellpath Aylesbury' Birchwood	550

simultaneously from the ecto and the endocervix. This increases the

effectiveness of the sample collection, whilst minimising trauma

- Anatomically profiled head designed by cytologists
- Proven effectiveness over other cervical samplers
- **3** High yield of endocervical cells
- **4** Manufactured to highest quality standards
- **5** Proven in clinical trials and over 15 years use

[®] Registered trademark No. 1558973



CytoFixx and CytoFixx II



CytoFixx is a CFC free, ready-to-use solution containing alcohol and carbowax, offering consistent fixation results and subsequent staining. CytoFixx II further contains acetic acid for improved nuclear detail.

CytoFixx II is supplied in a dropper container only, whereas CytoFixx is available in various forms including:

- Pump spray in 50ml (enough to fix approximately 70 slides) and a more economical 150ml (205 slides). Fixative is dispensed in a fine controlled spray with a simple pump action.
- Non-refillable 50ml dropper bottle (70 slides) which enables the fixative to be directed onto the microscope slide in a more controlled manner

Part No	Description	QTY
NHB-0100-01A	CytoFixx Pump Spray – 50ml – Cytological Fixative	10
NHB-0101-01A	CytoFixx Pump Spray – 150ml – Cytological Fixative	10
NHB-0200-01A	CytoFixx Dropper – 50ml – Cytological Fixative	10
NHB-0201-01A	CytoFixx II Dropper – 50ml – Cytological Fixative	10



- Ready-to-use avoiding the need to handle hazardous chemicals
- 2 Proven formulas giving optimal fixation
- Choice of pre-filled containers

UriCyte+

Urine Sample Collection

This kit contains a 120ml polypropylene specimen container pre-dosed with 12ml of a well-proven transport fluid, and a specially designed funnel for both male and female use. The patient information leaflet is integral to the bottle.

KEY BENEFITS

- **1** Well proven transport medium; ensures cell preservation
- 2 New innovative leak proof container
- **3** Extremely robust, integral funnel, suitable for male or female use
- 4 Patient information label,

integral to bottle

Part No	Description	QT
NUA-0700-00A	Uricyte+ Basic Kit 120Ml - For Bladder Cytology	1



CellPath's market leading Cytology stains and kits are designed to provide reliable and consistent staining results and are the optimal choice for both gynecological and non gynae use. CellPath Cytology stains and reagents are manufactured from Biological Stains Commission certified dyes, supplied ready to use, with excellent LOT to LOT consistency to ensure exceptional staining results every time. All of the staining solutions and kits are CE IVD-registered and are perfectly suited for both clinical and research use.

Premium Papanicolaou Stains



[Ortho Formulation]

CellPath Papanicolaou (Ortho) formulation stains are renowned for their superior staining performance. Harris Haematoxylin (Ortho) formulation is specially formulated to provide enhanced nuclear detail for Cytology preparations, and is designed to perfectly compliment CellPath (Ortho) formulation EA50 and OG6 counter stains, which offer delicate translucency and excellent colour balance. CellPath Harris Haematoxylin (Ortho) formulation is flexible in use and may be used for both progressive and regressive nuclear staining.

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Each LOT of CellPath (Ortho) formulation Cytology stain not only undergoes vigorous internal QC procedures to ensure quality but is also externally tested at a UK reference Cytology laboratory before release to market.

CellPath EA50M is a modified EA50 formulation which is designed for users who prefer a more intense counter stain.

Part No	Description	Qty
Premium Stains		
RBA-4211-00A	Papanicolaou OG6 Stain (Ortho) - 1L	1
RBA-4212-00A	Papanicolaou EA50 Stain (Ortho) - 1L	1
RBA-4213-00A	Harris Haematoxylin Stain (Ortho) - 1L	1
High Quality Stains		
RAL-361550-00	RAL 555 Rapid Stain Kit (May-Grunwald Type)	1
RBA-4201-00A	Haematoxylin 'Z' Stain (Similar To Mayers) - 1L	1
RHS-705-3 X 500ML	Rapid Romanowsky Stain Pack - 3 X 500ml	1
RHS-705-3X1L	Rapid Romanowsky Stain Pack - 3 X 1L	1
RHS-705-3X2.5L	Rapid Romanowsky Stain Pack 3 X 2.5L	1
RHS-705A-500ML	Rapid Romanowsky Stain A Fix 500ml	1
RHS-705B-500ML	Rapid Romanowsky Stain B Red 500ml	1
RHS-705C-500ML	Rapid Romanowsky Stain C Blue 500ml	1
RHS-705A-2.5L	Rapid Romanowsky Stain A Fix 2.5L	1
RHS-705B-2.5L	Rapid Romanowsky Stain B Red 2.5L	1
RHS-705C-2.5L	Rapid Romanowsky Stain C Blue 2.5L	1
Value for Money Stains (VFM)		
RHS-3351L	Haematoxylin Gill 1 - 1L	1
RBA-4202-00A	Harris Haematoxylin Stain (Acidified) - 1L	1
RBA-4205-00A	Harris Haematoxylin Stain (Acidified) - 5L	1
RBA-0101-00A	Papanicolaou EA50m Stain (Modified) - 1L	1
RBA-2514-00A	VFM Papanicolaou Stain EA50 - 2.5L	1
RBA-2504-00A	VFM Papanicolaou Stain OG6 - 2.5L	1

Nuclear Stains

CellPath's popular Haematoxylin 'Z' nuclear stain is a stabilised formulation which requires no routine filtration. It produces nuclear staining similar to a Mayer's haematoxylin in appearance. Haematoxylin 'Z' may be used for both regressive and progressive nuclear staining.

Gills 1 Haematoxylin stain is a stabilized formulation designed specifically to produce delicate nuclear staining of Cytology preparations. It is a progressive nuclear stain which stains chromatin at a controlled rate, ensuring reproducible high quality staining.





Rapid Giemsa/May Grunwald 'Three Step' Staining Kits

The RAL 555 rapid stain kit from Reactifs RAL, is designed for fast 3-step differential staining of NON-GYN staining preparations such as Fine Needle Aspirates (FNA's). The RAL 555 rapid stain kit produces staining with excellent cytological detail within 15 seconds and allows users to easily visualise nuclear and cytoplasmic staining and interpret results within minutes.

The RAL 555 stain kit may also be used to stain frozen sections, bone marrow specimens, peripheral blood smears as well as detect microorganisms such as H.Pylori

The Rapid Romanowsky stains from 'TCS Biosciences' are similar in performance to the RAL 555 rapid stain kit and available in both 3x 500ml and a larger 3x 2.5L stain kits. The larger kit is recommended for use in Cytology departments with large workloads. For convenience all reagents are also available to purchase individually in either 500ml or 2.5L pack sizes.

VFM Papanicolaou Stains

CellPath VFM Papanicolaou stains are supplied in 2.5L containers and are a cost-effective staining solution for large laboratories. VFM formulation Papanicoloau stains are manufactured using Biological Stains Commission certified dyes, and undergo stringent internal QC procedures to ensure quality, longevity and lot-to-lot consistency.

VFM Haematoxylin is a stabilised formulation, which is recommended for users that prefer a darker nuclear stain. It requires no routine filtration and produces nuclear staining which is similar to a Gills II haematoxylin in appearance.





FiloSlide[™] 10 & 20

The FiloSlide[™] 10 and FiloSlide[™] 20 slide trays feature a useful 360⁰ cover flap, which neatly folds back on itself to save working space.

An index reference is included on the flap and a recessed well on the inside of this flap prevents damp slides from sticking to the board. The FiloSlide™ 10 Tray, which measures 335mm by 102mm has a single column of 10 wells whereas the FiloSlide™ 20 tray is double the width, allowing twice the number of slides. Each slide has its own easy release compartment, which is individually numbered.

Constructed from solid board, both types of tray are available in six colours including black, white, yellow, blue, green and red. This allows laboratories to colour code different types of workload or different applications.



Part No	Description	Colour	QTY
WEX-1101-01B / WEX-2001-01B	FiloSlide™ 10 / 20 Slide Tray		10
WEX-1102-01B / WEX-2002-01B	FiloSlide™ 10 / 20 Slide Tray		10
WEX-1104-01B / WEX-2004-01B	FiloSlide™ 10 / 20 Slide Tray		10
WEX-1106-01B / WEX-2006-01B	FiloSlide™ 10 / 20 Slide Tray		10
WEX-1109-01B / WEX-2009-01B	FiloSlide™ 10 / 20 Slide Tray		10
WEX-1110-01B / WEX-2010-01B	FiloSlide™ 10 / 20 Slide Tray		10

KEY BENEFITS

- 1 360° cover flap saves working space requirement
- **2** Range of colours available to assist in team resource allocation
- 3 Thumb grooves for easy removal of slides
- **4** Robust, allowing multiple use and cost-savings

FiloSlide™ 9 & 24 Slide Trays

Manufactured from solid board, CellPath's FiloSlide™ trays provide an economical way for laboratories to organise and manage their slides.



Part No	Description	QTY
WEX-1000-08A	FiloSlide™ 9 Slide Tray - Cardboard	25
WEX-2400-01A	FiloSlide™ 24 Slide Tray - Cardboard	10

- Economical
- 2 Re-usable
- Tough and durable

Slide Wallets & Teaching Sets

FiloSlide[™] 4, 5 & 6

The FiloSlide™ Wallets are ideal for building reference/ teaching sets of slides.

The FiloSlide[™] 4 slide wallet has 4 microscope slide pockets and one document pocket (103 x 153mm). A cost saving combination pack of 100 wallets and one FiloSlide[™] cabinet is also available.

FiloSlide[™] 5 is similar to the FiloSlide[™] 4 but has 5 slide pockets. It is also available in a cost-saving FiloSlide[™] combination pack of 100 wallets and one FiloSlide[™] cabinet

The FiloSlide[™] 6 slide wallet has six microscope slide pockets, one document pocket (220 x 150mm) and one front index pocket. Each pack of 10 FiloSlide[™] 6 wallets is supplied with index cards. A cost saving combination pack of 150 wallets and one FiloSlide[™] cabinet is available.

FiloSlide[™] 4, 5, 6 wallets are all manufactured from clear flexible plastic.



Part No	Description	QTY
WEC-0203-02A	FiloSlide™ 4 Wallet	100
WEC-1000-00A	FiloSlide™ 4 Pack (Cabinet + 100 Wallets)	1
WED-0100-01A	FiloSlide™ 5 Wallet	10
WED-9900-00A	FiloSlide™ 5 Pack (Cabinet + 100 Wallets)	1
WEP-0600-01A	FiloSlide™ 6 Wallet	10
WEP-9902-00A	FiloSlide™ 6 Pack (Cabinet + 150 Wallets)	1

Nb. See back page for FiloSlide Cabinet



FiloSlide[™] 10 Project File

The FiloSlide™ 10 System comprises 3 types of clear plastic wallet which can be inserted into the FiloSlide™ 10 Ring Binder. This portable system is ideal for archiving, teaching or demonstration slide sets, keeping all the relevant information in one file. The FiloSlide™ 10 Wallet has 10 microscope slide pockets, 2 document pockets (200 x 100mm) and 2 index pockets. Each pack of 10 wallets is supplied with index cards. The Transparency Wallet holds up to fifteen 25mm transparencies. The Document wallet can be used to store paper up to A4 size. All 3 wallets can be filed in the FiloSlide™ Ring Binder to create a comprehensive teaching/demonstration portfolio. A cost saving project file is available comprising ring binder, 10 x 10 slide wallets, 2 x transparency wallets and 2 documents wallets. All products are also available separately.



Part No	Description	QTY
WEF-0102-00A	FiloSlide™ 10 - A4 Binder - White	1
WEF-0200-01A	FiloSlide™ 10 - 10 Slide Wallet	10
WEF-0300-01A	FiloSlide™ 10 - 20 Transparency Wallet	10
WEF-0400-01A	FiloSlide™ 10 - A4 Document Wallet	10
WEF-0600-00A	FiloSlide™ 10 - Project File	1



FiloSlide™ Cabinet

The FiloSlide™ cabinet is ideal for building reference/teaching sets of slides, suitable for use with FiloSlide™ 4,5 and 6 wallets. The cabinet is a convenient portable size and is stackable.

The face of the FiloSlide™ cabinet is set at a slight angle, which serves as a handle to the drawer and makes it easier to read information displayed.



Part No	Description	QTY
WEP-9910-00A	FiloSlide™ Cabinet - Goosewing Grey	1

The cabinets are manufactured from corrosionprotected steel and have a single, large sliding drawer fitted with a safety stop to prevent accidental removal. Steel inserts divide the drawer into as many as six compartments if required.



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