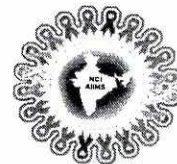




**All-India Institute of Medical Sciences
National Cancer Institute
Vill. Badsa, Jhajjar, Haryana-124105**



Ref. No.: 03/NCI ST/PAC/2020-21

Dated: 25.02.2021

Subject : Proposal for procurement of "Cytocentrifuge (Thermo Fisher Scientific, Model-Cytospin 4) – 01No." for Dept. of Pathoogy on PROPRIETARY BASIS from M/s. Thermo Fisher Scientific through M/s. Vision Diagnostics (India) Pvt. Ltd. and invitation of comments/objections w.r.t. proprietary nature of the equipment if any, thereof.

The National Cancer Institute (NCI-AIIMS), Jhajjar is in the process of procurement of "**Cytocentrifuge (Thermo Fisher Scientific, Model-Cytospin 4) – 01No.**" for Dept. of Pathoogy on PROPRIETARY BASIS from M/s. Thermo Fisher Scientific through M/s. Vision Diagnostics (India) Pvt. Ltd. The proprietary article certificate (PAC) from the Principal M/s Thermo Fisher Scientific as well as from the user department is attached herewith.

The above documents are being uploaded for open information to all principal manufacturer or their authorized distributor with the intention to invite objections with regard to proprietary nature of the said product if any,

The comments/objections if any, should be received in the office of Stores Officer, Store Section (NCI), Room No. 214, 2nd Floor, OPD Block, National Cancer Institute, Village Badsa, Distt. Jhajjar, Haryana – 124105 on or before 12/03/2021 upto 05.00 PM, failing which it will be presumed that no other bidder/ manufacturer/ vendor is having any comments/objection against the proposition and the case shall be decided purely on merit.

Mr Sanjeev Kumar

(Manohar Arya)
25/2/21
Stores Officer, NCI

Enclosures:

- Proprietary Article Certificate from the Principal M/s. Thermo Fisher Scientific
- Proprietary Article Certificate from User Department duly signed by user faculty & Head of Department.
- OEM Authorization certificate of M/s. Vision Diagnostics India Pvt. Ltd.
- Performa Invoice/Quotation & previous supply order copy for rate reasonability.
- Detailed brochure of the product from the Principal.

Copy to:

- User Department (Dept. of Pathology, NCI) – for information only



Certificate of Proprietary for Cytospin 4

To whom it may concern:

Thermo Fisher Scientific (Thermo Shandon Ltd.) is the sole manufacturer of Cyto centrifuge (Model: Cytospin 4) which is having following proprietary feature:

1. Suitable for cell block preparation from cytological specimens by using Thermo Fisher Scientific's proprietary Cytoblock™ Cell Block Preparation System (P/N 7401150 and 7401151)

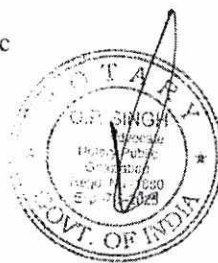
This letter also certify that our anatomical pathology products are sold and serviced in India through Vision Diagnostic India Pvt. Ltd, Ground Floor, Plot No. 405, F.I.E., Opp. Bagga Link Maruti Showroom, Patparganj Industrial Area, East Delhi, Delhi-110092.

Yours sincerely,

ML



Martin Lui
Regional Product Manager, Asia Pacific
Anatomical Pathology
Thermo Fisher Scientific



TRUE COPY ATTESTED

[Signature]
O.P. SINGH
Advocate
Regd. No.-1680
Notary Public
Ghaziabad

27 JAN 2021



PROPRIETARY CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

We certify that we are the sole manufacturer of the essential consumables for Cyto centrifuge Model Cytospin-4 manufactured by us and only these consumables can be used with Cyto centrifuge (Model Cytospin-4).

Sr.No	Part No.	Description
1	5991022	White Filter Cards (200/box)
2	5991056	Cytoslide 100 Pcs
3	59910052	Cytoclips 6 Pcs
4	5991023	Brown Filter Cards (200/box)
5	5991040	Disposable Single White Funnels 50/pk
6	A78710001	EZ Mega Funnels 25/Box
7	A78710004	EZ Single Cytofunnel with Brown Filter Cards (40/box)
8	A78710003	EZ Single Cytofunnel with White Filter Cards (40/box)
9	A78710020	EZ Single Cytofunnel with White Filter Cards (200/pk.)
10	A78710005	EZ Double Cytofunnel (40/box)
11	A78710021	EZ Double Cytofunnel (200/cs.)
12	A78710001	EZ Megafunnel with Cap and Slide (25/box)
13	A78710022	EZ Single Cytofunnel Bench Stand
14	5991040	Single Cytofunnel with White Filter Card (50/box)
15	1102548	Single Cytofunnel with White Filter Card (500/cs.)
16	5991039	Double cytofunnel (25 Pcs/Box)
17	1102547	Double cytofunnel (500/Cs)
18	5991043	Single Cytofunnel with Brown Filter Card (50/box)
19	59910052	Cytoclip Stainless Steel Slide Clip (6/Box)
20	A78710018	TPX Sample Chamber (12/cs.)
21	59910025	Closure caps (12/cs)
22	5991023	Brown filter cards (200/box)

For Thermo Fisher Scientific

Authorized Signatory

TRUE COPY ATTESTED



O.P. SINGH
Advocate
Regd. No. - 1280
Notary Public
Ghaziabad

Thermo Shandon Ltd.
TUDOR MANOR PARK
CHESHIRE WA7 1TA
TEL: 0128 534000
VAT Reg. No. GB876 3299 74

27 JAN 2021

+44 (0) 1928 534050
+44 (0) 1928 534049 fax

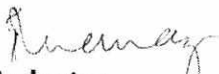


**ALL INDIA INSTITUTE OF MEDICAL SCIENCE
DR.B.R.A.I.R.C.H ANSARI, NAGAR NEW DELHI-110029**

PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE

1.	Item /Type Model No. required along with specification.	Thermofisher Cyto - centrifuge, Model cytospin-4
2.	Is the item a spare part attachment or accessory for an existing equipment.	Machine
3.	Name of the manufactures /supplier of the item proposed by the indenter.	Thermofisher through Vision Diagnostics
4.	Are the sole manufactures /sole distributors of the item	YES
5.	Is there any other item with similar /equipment specification available in the market to meet the job requirement envisaged. If the answer is yes, why the same can't be procured. Demanding.	NO
6.	What were the efforts made to locate alternative source of supply or use other substitutes.	Extensive market /Internet search
7.	Why open/limited tender can't be resorted to, for locating alternative source.	Proprietary in nature
8.	Are the proprietary items certifying that the rates are reasonable or not.	YES
9.	Any other justification for procuring item for single source.	Proprietary, Not Available with others.

I certified that the item at sr.No.1 & 2 above is required to be procured on single tender basis as the source of supply is definitely known/ the specified brand proposed was advertised in meeting our functional requirement and limited tender system could be dispensed with as they would serve no useful purpose in the particular case.


**Signature of Indenter
(Demanding Officer)**

 प्रणय तवर /Dr. Pranay Tanwar
 आर-आचार्य/Additional Professor
 प्रयोगशाला अर्बुदविज्ञान /Laboratory Oncology
 डॉ.भी.रा.अ. सं.रो.के.अ., अ.भा.आ.सं., नई दिल्ली-29
 Dr. B.R.A.I.R.C.H, A.I.I.M.S., New Delhi-110029

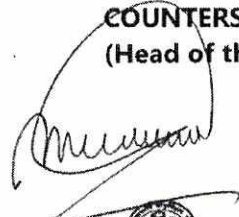

Faculty Member

 डॉ. अमर रंजन, एम.डी. पैथोलोजी
 Dr. AMAR RANJAN, M.D. Pathology
 अवर-आचार्य/Additional Professor
 प्रयोगशाला अर्बुदविज्ञान /Laboratory Oncology Unit
 डॉ.भी.रा.अ. सं.रो.के.अ. अस्पताल
 Dr. B.R.A.I.R.C.H. Cancer Hospital
 अ.भा.आ.सं., नई दिल्ली
 All India Institute of Medical Sciences, New Delhi

Faculty Member

**COUNTERSIGN
(Head of the Department)**


 डॉ. मनीष कुमार सिंह /Dr. M.K. Singh, M.D.
 आचार्य /Professor
 प्रयोगशाला अर्बुदविज्ञान /Laboratory Oncology
 डॉ.भी.रा.अ. सं.रो.के.अ., अ.भा.आ.सं., नई दिल्ली-29
 Dr. B.R.A.I.R.C.H, A.I.I.M.S., New Delhi-110029



 Prof. Manoj K. Singh, MD, FRCP Path
 Professor & Head
 Department of Pathology
 AIIMS, New Delhi-110029

MANUFACTURER'S AUTHORIZATION FORM

To
The Chief
IRCH, AIIMS, Delhi

Subject : Authorization Letter

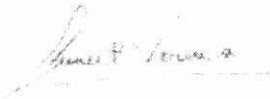
Dear Sir,

We Thermo Fisher Scientific (Thermo Shandon Ltd.) , United Kingdom , who are proven and reputable manufacturers of Cyto centrifuge having factories at Tudor Road, Manor Park, Runcorn, WA7 1TA, UNITED KINGDOM do hereby authorize M/s. Vision Diagnostic India Pvt. Ltd. having address at Ground Floor, Plot No. 405, F.I.E., Opp. Bagga Link Maruti Showroom , Patparganj Industrial Area, East Delhi, Delhi-110092 to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred Tender which are manufactured by us.

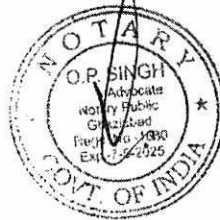
We further confirm that no supplier or firm or individual other than M/s. Vision Diagnostic India Pvt. Ltd. having address at Ground Floor, Plot No. 405, F.I.E., Opp. Bagga Link Maruti Showroom , Patparganj Industrial Area, East Delhi, Delhi-110092 is authorized to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred Tender Enquiry documents for the above Equipment/ Stores manufactured by us.

We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorized agent .We also confirm that the rate quoted by our authorized agent shall not exceed the rate which we would have quoted on direct participation.


Yours Faithfully,



Puneet Kumar Verma
Sales Head - (India & South Asia)
Thermo Fisher Scientific



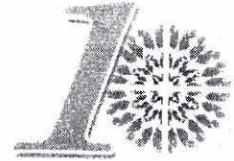
TRUE COPY ATTESTED



O.P. SINGH
Advocate
Regd. No.-1680
Notary Public
Ghaziabad



27 JAN 2011



Ref. No: VDIL/IRCH-AIIMS/2021/002

27/01/2021

To,
 Dr. Pranay Tanwar
 Professor
 IRCH
 AIIMS, New Delhi

Sub: Your requirement of Thermo Fisher Scientific Cyto centrifuge (Model: Cytospin 4)

Sr.No	Description	Qty	Unit Price (INR)	Total Price (INR)
1.	<p>Thermo Fisher Cyto centrifuge Model Cytospin -4 (A 78300002)</p> <p>The ultimate thin-layer cell preparation system</p> <p>Features :</p> <ul style="list-style-type: none"> • Process 24 specimens at one time while using Mega Cytofunnel. • Accepts all protocols of Cytospin 1,2 and 3 • Resigned lid release mechanism allows for one handed opening and closing. • Only operates when the lid is locked into position and lid remains locked during rotations. • Polycarbonate window allows the operator to see the sealed head during cyto centrifugation. • Accidental fluid spillage will not damage the mechanical or electronic components. • Designed for easy disinfecting. • Meets stringent IEC 61010 standards for centrifuge safety. • Pull out program card allows for up to nine programs to be logged for fast and convenient retrieval. <p>Safe and Reliable :</p> <ul style="list-style-type: none"> • Protects the operator before, during and after preparation. Allows user to load the sealed head in a microbiological cabinet for ultimate safety. • Auto locking, plastic outer lid • Autoclavable sealed head • Disposable sample chambers with caps. • Safety alarms that protect users and specimen. • Wipe clean control panel. 	1	830000.00	830000.00

Molecular Diagnostics Simplified



Vision Diagnostic (India) Pvt. Ltd.

Corporate Office /Correspondence Address

FFSR 9A & 9B . First Floor
 Ansal Premium Corporate Suits,
 Ansal Plaza, Sector-1
 Vaishali, Ghaziabad-201010(U.P.)

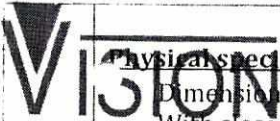
Tel.:+91-120-4343000
 to 4343021 (22 Lines)
 info@vision-groups.com
 www.vision-groups.com

Regd. Office

Plot No. 405, Ground Floor
 Patparganj Industrial Area,
 Patparganj, Delhi-110092
 Phone :011-22159166, 40509878,
 GSTIN : 07AABCV9939R1Z9

Lucknow Office

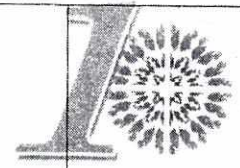
2nd Floor, 2/675, Sector-L
 LDA Colony, Kanpur Road
 Lucknow - 226012 U.P
 Ph : 052-4016799



(A:1350 9001 2015 Certified Co.)
CIN : U51397DL1999PLC0000000

Physical specifications:

Dimensions (H x W x D)
With close lid - 24 x 40.5 x 62 cm
With open lid - 62.5 x 40.5 x 62 cm
Weight 12 kg.
Power requirement : 100-240 v/50/60 Hz



Standard Delivery with each equipment:

- One Sealed head/rotor, marking pen, operator cum maintenance guide, service record book and standard workflow diagram.
- TPX reusable chamber- One Pack of 12 (A78710018)
- Cyto clips, reusable SS -Two Pack of 6 (59910052)
- Closure caps-One Pack of 12 (5991025)
- White filter cards - One Box of 200 (5991022)

Net Price (Exclusive of GST)		8,30,000.00
Add GST @ 18%		1,49,400.00
Total Price (FOR IRCH, AIIMS, New Delhi)		9,79,400.00

RS: Nine Lakh Seventy Nine Thousand Four Hundred Only

Terms & Conditions

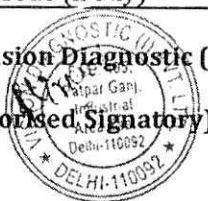
- | | |
|--------------------------|--|
| 1. Offer validity | : 365 days from the date of opening. |
| 2. Delivery | : 8-10 weeks after receipt of confirmed order. |
| 3. Payment | : After successful installation |
| 4. Warranty | : Five years from the date of installation. |
| 5. Installation/Training | : Free of cost till your satisfaction. |
| 6. Order to be placed on | : Vision Diagnostic India Pvt.Ltd., Vision Diagnostic (I) Pvt. Ltd, 405, PIE, Opposite Bagga Links, Patparganj Industrial Area; Delhi-110092 |

BANK DETAILS

Account Holder Name & Address	Vision Diagnostic (India) Private Limited
Bank Name	Canara Bank
Bank Account Number	2801201000064
Bank Address	Pankaj Plaza
Street	Mayur Vihar Phase-1
City	Delhi
Country	India
Branch code (If any)	2801
MICR Code	110015154
Indian Financial System Code- IFSC Code	CNRB0002801
National Electronic Fund Transfer Code- NEFT Code (if any)	CNRB0002801

For Vision Diagnostic (I) Pvt.Ltd.,

(Authorised Signatory)



Vision Diagnostic (India) Pvt. Ltd.

Corporate Office /Correspondence Address

FFSR 9A & 9B , First Floor
Ansal Premium Corporate Suits,
Ansal Plaza, Sector-1
Vaishali, Ghaziabad-201010(U.P.)

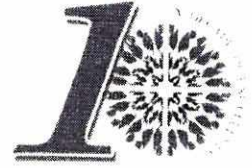
Tel.:+91-120-4343000
to 4343021 (22 Lines)
info@vision-groups.com
www.vision-groups.com

Regd. Office

Plot No. 405, Ground Floor
Patparganj Industrial Area,
Patparganj, Delhi-110092
Phone : 011-22159168, 46509878
GSTIN : 07AABCV9939R1Z9

Lucknow Office

2nd Floor, 2/675 Sector-L,
LDA Colony, Kanpur Road
Lucknow - 226012 U.P.
Ph : 052-4016799

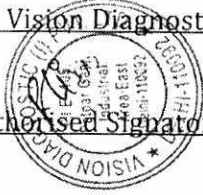


CAMC Charges

Years	Price (INR)
1 st year after warranty period	10000.00 + GST @18%
2 nd year after warranty period	10000.00 + GST @18%
3 rd year after warranty period	10000.00 + GST @18%
4 th year after warranty period	10000.00 + GST @18%
5 th year after warranty period	10000.00 + GST @18%

For Vision Diagnostic (I) Pvt.Ltd.

(Authorised Signatory)



Molecular Diagnostics Simplified

Vision Diagnostic (India) Pvt. Ltd.

Corporate Office /Correspondence Address

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Ansal Premium Corporate Suits,
Ansal Plaza, Sector-1
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Regd. Office

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Patparganj, Delhi-110092
Phone : 011-22159168, 40509878,
GSTIN : 07AABCV9939R129

Lucknow Office

2nd Floor, 2/675, Sector-L,
LDA Colony, Kanpur Road
Lucknow - 226012 U.P.
Ph : 052-4016799

**Thermo Scientific
Shandon Cytospin® 4 Cytocentrifuge**



Thin-layer Cell Preparation System

Thermo Scientific Shandon Cytospin[®] 4 Cyto centrifuge

The ultimate thin-layer cell preparation system.

The Shandon Cytospin has been synonymous with cyto centrifugation for over 40 years. More than 15,000 laboratories worldwide use this simple, reliable instrument. It provides economical thin-layer preparations from any liquid matrix, especially hypocellular fluids such as spinal fluid and urine.

The Shandon Cytospin was the first device to use carefully controlled centrifugation to separate and deposit a thin layer of cells on slides while

maintaining cellular integrity. It

produces better cell capture and good representation of all cell types present in homogeneous liquid samples.

Features

- Processes 12 specimens at one time.
- Accepts all protocols from Shandon Cytospin 1, 2, and 3.
- Redesigned lid-release mechanism allows for one-handed opening and closing of the outer lid for easy access. As an added safety measure, the Shandon Cytospin 4 will only operate when the lid is locked into position. The lid remains locked at all times during rotation. The polycarbonate window allows the operator to see the sealed head during cyto centrifugation.
- Excellent safety design prevents accidental fluid spillage from damaging the mechanical or electronic components and allows for easy disinfecting. It meets stringent IEC 61010 standards for centrifuge safety.
- Pull-out program card allows for up to nine programs to be logged for fast and convenient retrieval (erasable ink pen included).

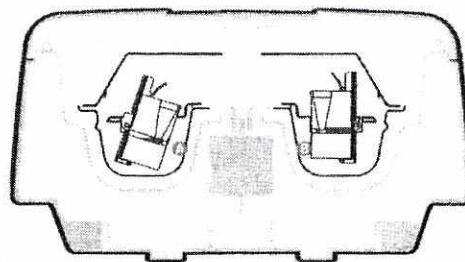
Safe and Reliable

The Shandon Cytospin 4 is designed to protect the operator before, during and after sample preparation. Safety is our top priority. The ability to load the Shandon Cytospin 4 sealed head in a microbiological cabinet is the ultimate safety procedure.

- Auto-locking, plastic outer lid
- Autoclavable sealed head
- Disposable sample chambers with caps
- Safety alarms that protect users and specimens
- Wipe-clean control panel

Simple Principle for Excellent Presentation

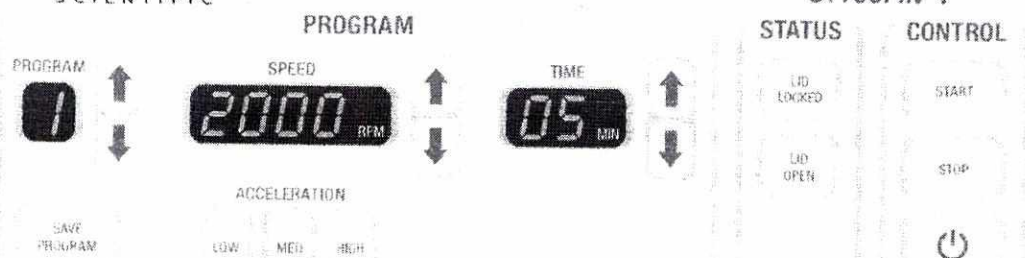
Using centrifugal principles, the Shandon Cytospin deposits cells onto a clearly-defined area of a glass slide and allows for the absorption of the residual fluid into the sample chamber's filter card (except Shandon EZ Megafunnel). Cyto centrifugation also constructively flattens cells for excellent nuclear presentation. During operation, the instrument's spinning action tilts the Shandon Cytofunnels[®] upright and centrifuges cells onto the deposition area of the slide, giving all cell types equal opportunity for presentation. In the Load or Stop position, this unique tilting feature reduces cell loss by preventing residual fluid from coming into contact with the prepared slide.



Ⓐ In Load Position (Stopped)

Ⓑ In Operation (Spin)

Thermo
SCIENTIFIC



Simple and Precise Controls

- Protected program memory stores up to 23 routines for instant recall and protects from power loss.
- Program key pad has "easy-touch" design that allows for easier keystrokes and more intuitive programming.
- Speed window displays the programmed spinning speeds from 200 – 2000 rpm.
- Three acceleration control buttons allow the operator excellent flexibility and exceptional protection for fragile samples.
- Time window displays the programmed and remaining run time from 1– 99 minutes.
- Control feature has a standby power saving mode. Displays are also turned on and off by the standby key.
- Specimen safety alarm feature has been added to remind users at one-minute intervals to remove specimens, protect them from "air-drying" and ensure consistent results.
- Safety alarms include an audible alarm that signals the operator if the Shandon Cytospin 4 is out of balance, outside the speed tolerance, or if the lid is not properly locked. As an extra measure of safety for the user, the unit will not spin if the lid is not locked.

Shandon Cytospin 4 Specifications

Description	Order Number
Shandon Cytospin 4 Cyto centrifuge (Unit Only)	A78300002
Shandon EZ Funnel Starter Kit	A78710013
Includes 25 Shandon EZ Megafunnels [®] , 20 Shandon EZ Single White Cytofunnels [®] , 20 EZ Double Cytofunnels, and Shandon Cytoslicides [®]	
Shandon Clipped Funnel Starter Kit	3120110
Includes 25 Shandon EZ Megafunnels, 50 Shandon Single White Cytofunnels [®] , 25 Double Cytofunnels, Shandon Cytoslicides, and 12 Shandon Cytoclips [®]	

Physical Specifications

Dimensions (H x W x D)

With Closed Lid: 9.5" x 16" x 24.5" (24 x 40.5 x 62cm)
With Opened Lid: 25" x 16" x 24.5" (62.5 x 40.5 x 62cm)

Weight

26.5 lbs. (12 kg)

Power Requirements

100-240 VAC, 50/60 Hz, 1 Ph, 150 VA Max

Included with Product*	Pkg/Qty	Order Number
Sealed Head/Rotor	Each	59910018
Marking Pen	Each	AP14891
Operator Manual (specify language)	Each	A78310250
Service Record Book	Each	A78410106
Standard Workflow Diagram	Each	A783-1001

* Contents, Packaging, and Quantities of items listed under "Included with Product" are subject to change without prior notice.

Additional Accessories	Pkg/Qty	Order Number
Service Manual	Each	A78310251
Sealed Head Seals	3 / Pk.	59910019
Shandon Cytofunnels		See pages 4-7
Glass Microscope Slides		See page 9.

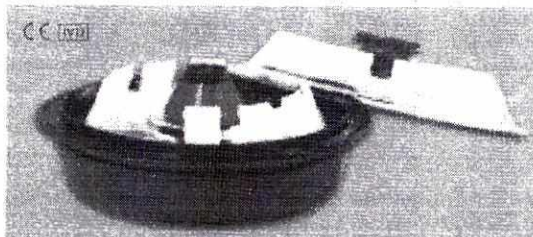
Agency Approvals

IEC 61010, CSA, UL, and CE Mark (IVDD compliant).

Shandon Cytospin 4 Sealed Head

- One sealed head is included with the Cytospin 4, but many laboratories shorten preparation time by having a second sealed head ready for when the first finishes processing.
- Autoclavable, 12-chamber head seals completely.

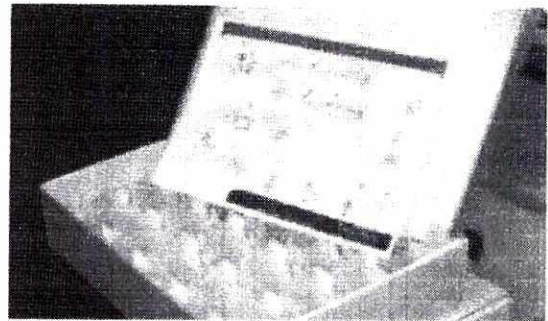
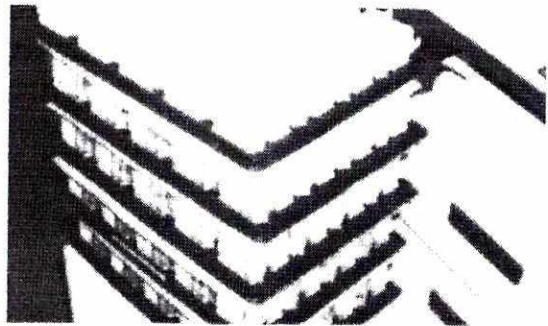
Description	Pkg/Qty	Order Number
Shandon Cytospin Sealed Head	Each	59910018



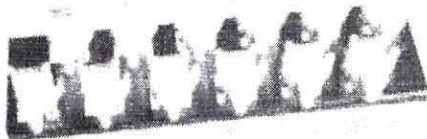
Thermo Scientific Shandon EZ Cytofunnel® Sample Chambers

No more Clips!!

- Intended for single use with all Shandon Cytospin 2, 3, and 4 Cyto centrifuge applications.
- Simple and easy to use operational illustrations are included in the package.
- Optimizes cell yield.
- Safe – reduces the risk of exposure to pathogenic samples.
- Disposable – eliminates time-consuming decontamination and cleaning.
- Decreases the possibility of cross-contamination.
- Eliminates the need for metal Shandon Cytoclips®.
- Closure caps provided with kit.
- Produces more cost-effective thin-layer preparations when compared to other thin-layer methods.



Shandon EZ Cytofunnel Bench Stand



- Convenient for loading samples outside of the Shandon Cytospin 4 chamber.
- Stainless steel construction.
- Holds 12 Shandon EZ Cytofunnels, single or double.

Description	Pkg/Qty	Order Number
Shandon EZ Cytofunnel Bench Stand	Each	A78710022

Shandon EZ Megafunnel™

- Designed for convenient preparation of larger volume samples.
- Shandon Cytofunnels designed for spinning large samples up to 6ml.
- Minimizes the need to pre-centrifuge.
- Cell deposition area of 22 x 14.75mm (325mm²) for increased cell yield.
- Shandon Megafunnel Cytoslides® included.
- Can prepare both air-dried and fixed preparations, providing additional valuable diagnostic information.

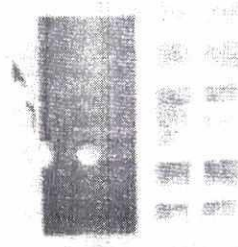
Description	Pkg/Qty	Order Number
Shandon EZ Megafunnel With Caps And Slides	25 / Box	A78710001

Shandon EZ Single Cytofunnel with White Filter Cards

- Disposable sample chambers with white filter cards.
- Use for sample volumes up to 0.5ml.
- Cell deposition area of 6mm in diameter (28 mm²).
- Pre-attached white filter card for high absorbency.

Description	Pkg/Qty	Order Number
Shandon EZ Single Cytofunnel With White Filter Cards and Caps	40 / Box	A78710003
Shandon EZ Single Cytofunnel With White Filter Cards and Caps	200 / Pk.	A78710020

Shandon EZ Single Cytofunnel with Brown Filter Cards



- Disposable sample chambers with brown filter cards.
- Use for sample volumes of 0.4 ml or less.
- Cell deposition area of 6mm in diameter (28mm²).
- Pre-attached brown filter card for slower absorbency.
- Excellent for scanty specimens such as CSF.

Description	Pkg/Qty	Order Number
Shandon EZ Single Cytofunnel With Brown Filter Cards and Caps	40 / Box	A78710004

Shandon EZ Double Cytofunnel

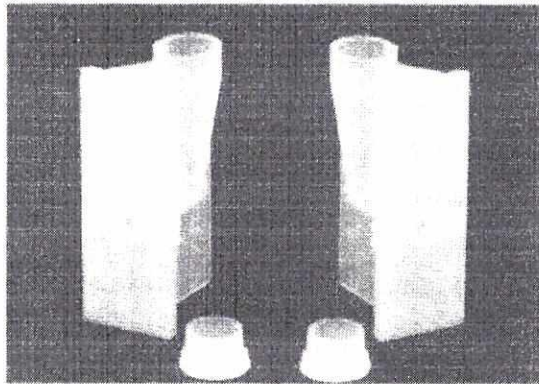
- Disposable sample chambers.
- Allows 2 sample deposition areas on a single slide.
- Double the number of sample presentations per run.
- Funnel markings correspond to slide markings for simple identification.
- Pre-attached filter card.

Description	Pkg/Qty	Order Number
Shandon EZ Double Cytofunnel With White Filter Cards and Caps	40 / Box	A78710005
Shandon EZ Double Cytofunnel With White Filter Cards and Caps	200 / Pk.	A78710021

Thermo Scientific Shandon Cytofunnel® Sample Chambers

The original is still the most trusted clipped funnel available today.

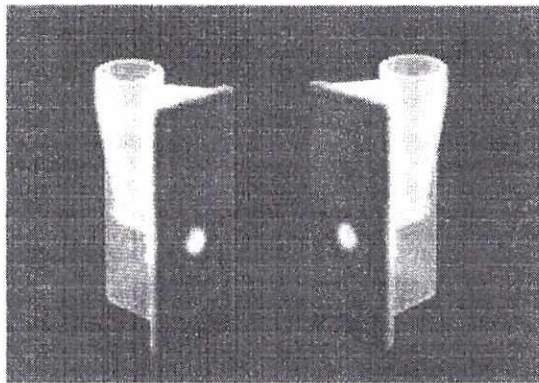
Shandon Single Cytofunnel with White Filter Cards



- Disposable sample chambers with white filter cards.
- Use for sample volumes up to 0.5ml.
- Pre-attached filter card.

Description	Pkg/Qty	Order Number
Shandon Single White Cytofunnels With Caps	50 / Box	5991040
Shandon Single White Cytofunnel Economy Pack With Caps	500 / Case	1102548

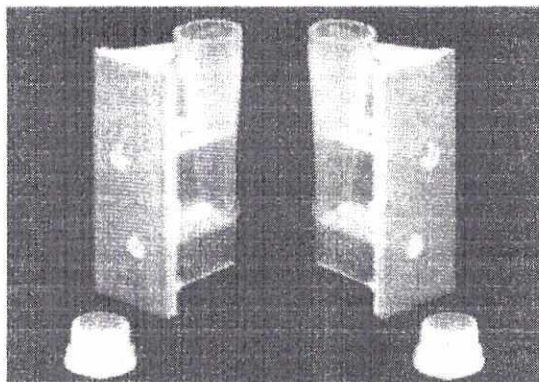
Shandon Single Cytofunnel with Brown Filter Cards



- Disposable sample chambers with brown filter cards.
- Use for sample volumes of 0.4ml or less.
- Pre-attached filter card.
- Excellent for scanty specimens such as CSF.
- Increases cell yield.

Description	Pkg/Qty	Order Number
Shandon Single Brown Cytofunnels With Caps	50 / Box	5991043

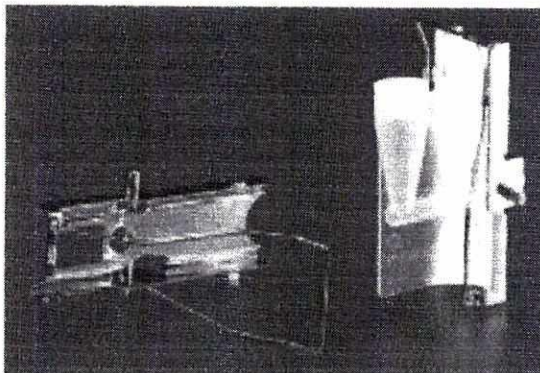
Shandon Double Cytofunnel



- Disposable Sample Chambers.
- Reduce preparation time.
- Funnel markings correspond to slide markings for simple identification.
- Pre-attached filter card.
- Ideal for use with immunochemistry techniques.

Description	Pkg/Qty	Order Number
Shandon Double White Cytofunnel With Caps	25 / Box	5991039
Shandon Double White Cytofunnel Economy Pack With Caps	500 / Cs.	1102547

Shandon Cytoclip™



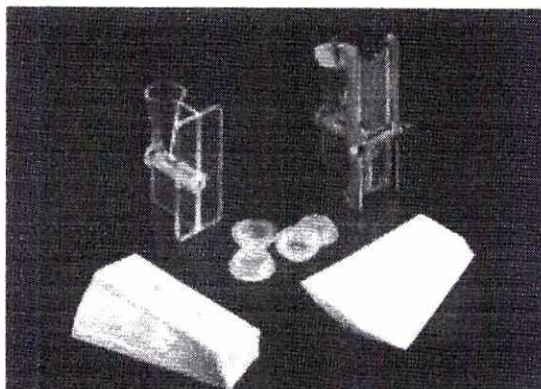
- Shandon Cytoclip holds Cytofunnel® disposable sample chamber against the microscope slide for preparation in the Shandon Cytospin Cyto centrifuge.
- Eliminates contact between contaminated Shandon Cytofunnels and laboratory personnel.
- Clips are autoclavable and reusable.

Description	Pkg/Qty	Order Number
Shandon Cytoclip Stainless Steel Slide Clip	6 / Box	59910052

TPX® Single Sample Chamber, Caps, and Filter Cards

TPX Single Sample Chamber and Caps

- Reusable and autoclavable.
- Choice of using disposable white filter cards for sample volumes up to 0.5ml or disposable brown filter cards for sample volumes of 0.4ml or less.



Filter Cards

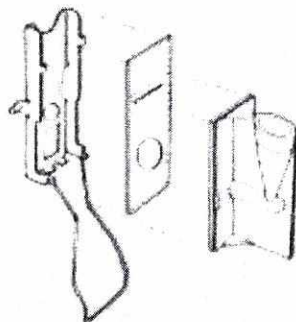
- Highly absorbent disposable filter cards for use with TPX chamber.
- Not for use with Cytofunnel disposable sample chambers.
- Use white filter cards for samples up to 0.5ml.
- Use brown filter cards for samples of 0.4ml or less.

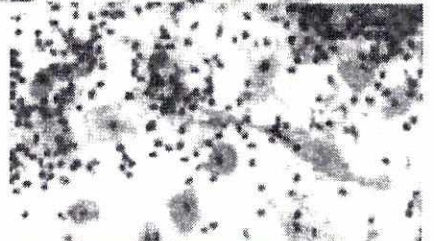
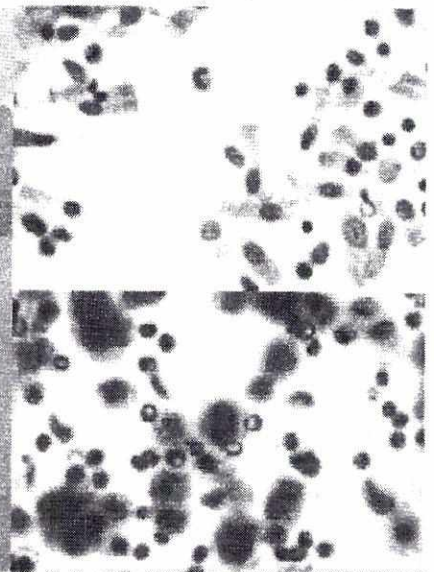
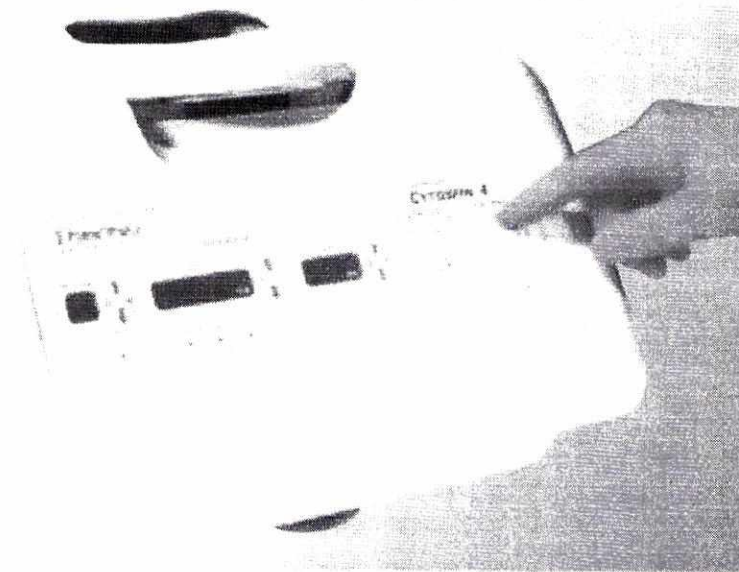
Description	Pkg/Qty	Order Number
TPX Sample Chamber	12 / Pk.	A78710018
Sample Chamber Closure Caps, For Shandon TPX Chambers	12 / Pk.	59910025
Brown Filter Cards	200 / Box	5991023
White Filter Cards	200 / Box	5991022

How the Cytofunnel Works

The Cytofunnel fits snugly against a specially marked Cytoslide and is held in place by a Shandon Cytoclip. Twelve Shandon Cytoclip assemblies fit into the Cytospin head.

After cyto centrifugation, the Shandon Cytoclip easily unlocks to dispose of the sample chamber and to remove the slide.





Disciplines That Use the Cytospin:

Cytology

- Still the gold standard for Non-Gynecological Cytology, especially hypocellular fluids.
- Many types of collection fluids and funnel options to choose from.
- Quality presentation at a fraction of the cost of other "thin-layer" technologies.
- Prepares both "air-dried" and "fixed" specimens.

Microbiology

- Micro-organisms are often present in low numbers from limited sample volumes. Cyto-centrifugation effectively spins the micro-organisms onto the slide, maximizing the yield and presenting those organisms in a clean, defined area, allowing for straightforward morphological identification.
- Only a small sample volume is needed so multiple samples may be run for a variety of special staining and support testing. It also concentrates samples for Gram stains.

Hematology/Oncology

- Easy to achieve a constant cell/unit volume.
- Excellent for all fluids, bone marrow, and peripheral blood.
- Even with a cell count of "zero," the Cytospin often locates the few cells in the fluid that the counter missed.

Virology

- There are many published technical papers utilizing the Cytospin for the rapid detection of respiratory viruses, CMV Detection, ISH, FISH, etc.

Research/General Use

- The most cost-effective, time-effective way to make quality thin-layer cell presentations.
- Excellent for molecular studies, specialized staining applications, and EM.
- Used in veterinary, dental and chemosensitivity protocols.



Thermo Scientific Shandon Cytoslides®

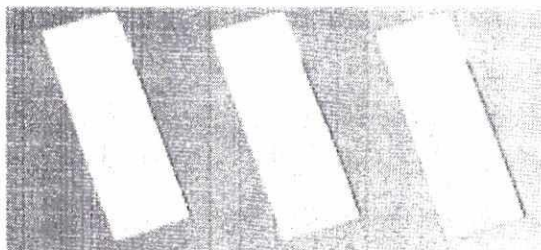
Cytoslides

- Specially marked slides for the Shandon Cytospin 4.
- Specimen area is outlined for rapid location during screening.
- All slides are 75 x 25mm, made from high-quality optical glass.

Coated Slides

- Eliminates the need for albumin coating procedures.
- Saves labor and resource time.
- Eliminates background staining on albuminized, IHC or ISH processed slides.

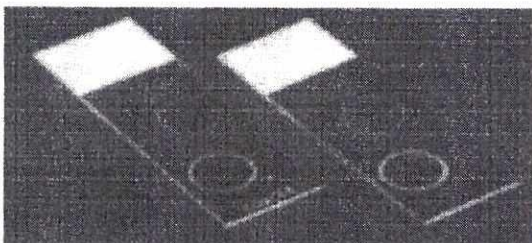
Shandon Single Cytoslides



- Specially made for use with Shandon EZ Single Cytofunnels.
- A white, 12mm diameter circle on the slide defines the area where cells will be displayed to allow for efficient and rapid location.
- Uncoated slides available with circle on front or back.

Description	Pkg/Qty	Order Number
Shandon Cytoslide, Single Circle coated with circle on back	100/box	5991056
Shandon Cytoslide, Single Circle non-coated with circle on back	100/box	5991051
Shandon Cytoslide, Single Circle non-coated with circle on front	100/box	5991059

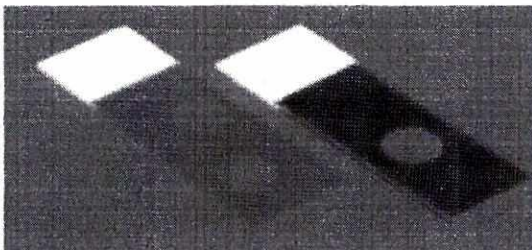
Shandon Double Cytoslides



- Specially made for use with Shandon EZ Double Cytofunnel® Chambers.
- Each specimen is displayed onto the slide within a circle marked "1" or "2" which corresponds with the Shandon EZ Double Cytofunnel chamber.

Description	Pkg/Qty	Order Number
Shandon Cytoslide, Double Circle, coated	100/box	5991055
Shandon Cytoslide, Double Circle, non-coated	100/box	5991054

Shandon Mask Cytoslides

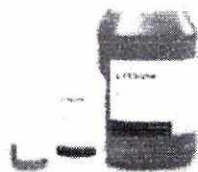


- Specially produced for immunofluorescence.
- Black-coating masks out UV light so that only the specimen within the circle can be viewed through a microscope.

Description	Pkg/Qty	Order Number
Shandon Cytoslide, Single Circle, Black mask	100/box	5991057
Shandon Cytoslide, Double Circle, Blue mask	100/box	B5991050

Thermo Scientific Shandon Cytology Collection Fluids

Shandon Cytospin® Collection Fluid



- Ready-to-use alcohol/CARBOWAX® (PEG) combination for direct specimen collection and fixation.
- Permits storage of specimens or unstained slides for weeks without adverse effect.
- Packaged in several forms, including convenient pump bottle and pre-filled specimen cups.

Description	Pkg/Qty	Order Number
Shandon Cytospin Collection Fluid	3.8L x 1 (with pump)	6768001
Shandon Cytospin Collection Fluid	500ml x 2	6768315
Shandon Cytospin Collection Fluid	10L x 2	9990310
Shandon Cytospin Collection Fluid	120ml Cups, filled to 60ml, 125 / Cs.	9990323

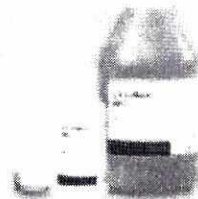
Shandon Cell-Fixx™ Spray Fixative



- Spray fixative for convenient preparation of slides.
- Includes CARBOWAX which coats the smear to maintain cellular detail.
- Prevents air-drying artifact and cell loss.

Description	Pkg/Qty	Order Number
Shandon Cell-Fixx	50ml Pump Spray Bottle x 6	6768326

CytoRich® Red Collection Fluid (Concentrated Formula)



- Ready-to-use alcohol-based fluid.
- The easiest way to lyse RBC's and to solubilize proteins.
- For a higher cell-yield and a cleaner background.
- Compatible with immunohistochemistry.
- Pre-filled containers available.

Description	Pkg/Qty	Order Number
CytoRich Red Collection Fluid	3.8L x 1	89990800
CytoRich Red Collection Fluid	500ml x 2	89990801
CytoRich Red Collection Fluid	20ml Cups, filled to 10ml, 180 / Cs.	89990802
CytoRich Red Collection Fluid	120ml Cups, filled to 60ml, 125 / Cs.	89990803

Shandon Mucolexx™



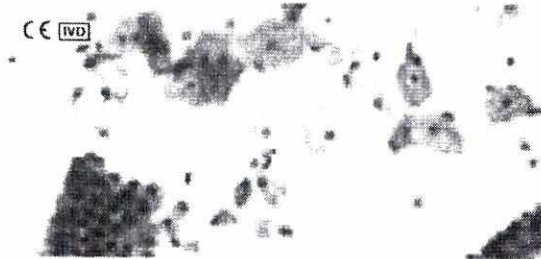
- Ready-to-use mucoliquifying preservative.
- Liquifies (with agitation) mucoid cytology specimens.
- Maintains cellular detail.
- Short term preservation of specimens.

Description	Pkg/Qty	Order Number
Shandon Mucolexx	3.8L x 1	9990371
Shandon Mucolexx	500ml x 4	9990370
Shandon Mucolexx	120ml Cups, filled to 60ml, 50 / Cs.	9990375

Thermo Scientific Shandon Cytology Stains

Biological Stain Commission Certified Dyes.

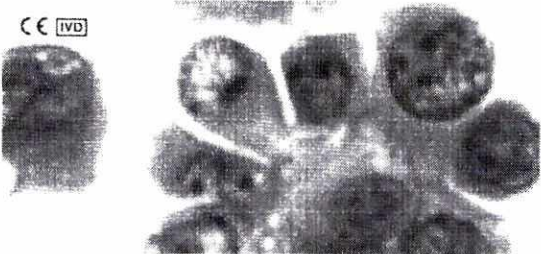
Shandon EA-50



- Polychromatic cytoplasmic stain.
- Clearly differentiates cellular components with pink, green, and blue-green hues.

Description	Pkg/Qty	Order Number
Shandon EA-50	4L x 1	6766002
Shandon EA-50	1L x 2	6766001

Shandon EA-65



- Polychromatic cytoplasmic stain.
- Lower concentration of Light Green improves expression of eosin-stained components.
- Ideal for thicker non-GYN preparations.

Description	Pkg/Qty	Order Number
Shandon EA-65	4L x 1	6766004
Shandon EA-65	1L x 2	6766003

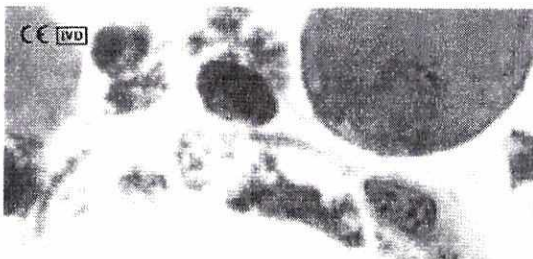
Shandon Cytology Spatula



- Economical.
- Designed with classic Ayre end and tapered tip.
- Made from smooth, select wood for good cell retention and release.

Description	Pkg/Qty	Order Number
Shandon Cytology Spatula	1000 (40 Bags x 25)	9990330

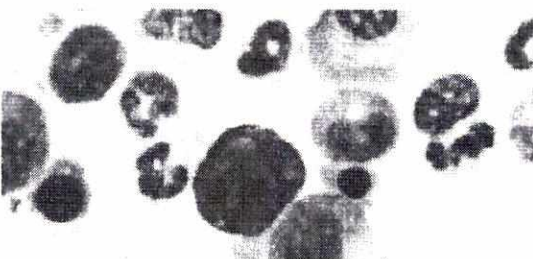
Shandon OG-6



- Demonstrates keratin in cytoplasm.

Description	Pkg/Qty	Order Number
Shandon OG-6	4 L x 1	6766006
Shandon OG-6	1 L x 2	6766005

Shandon Kwik-Diff™ Stains*

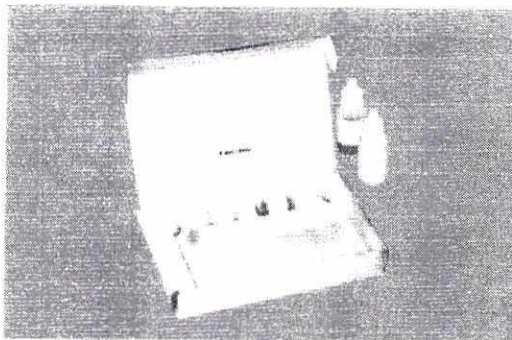


- Fast 3-step differential stain for cytologic preparations, FNAs and microorganisms such as *Helicobacter pylori*.
- A quick alternative to traditional Wright's and Giemsa Staining procedures.
- Kit Components: Reagent 1: Fixative
Reagent 2: Eosin
Reagent 3: Methylene Blue
- Available in kit form or as individual components.

Description	Pkg/Qty	Order Number
Shandon Kwik-Diff Stain Kit	500ml Reagent Size	9990700
Shandon Kwik-Diff Stain Kit	125ml Reagent Size	9990701
Shandon Kwik-Diff Reagent 1	4L x 1	9990705
Fixative		
Shandon Kwik-Diff Reagent 2	4L x 1	9990706
Eosin		
Shandon Kwik-Diff Reagent 3	4L x 1	9990707
Methylene Blue		

*Sold only in the USA

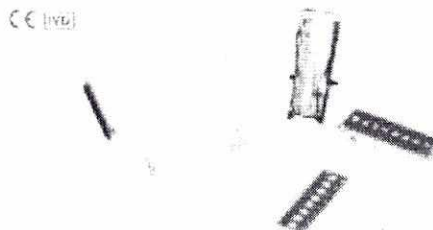
Thermo Scientific Shandon Cytoblock® Cell Block Preparation System



- Facilitates processing of FNA's, tissue fragments and cell buttons quickly and reliably.
- Increases ability to process scanty or unseen material for cell block and reduces loss of critical material.
- Suitable for immunohistochemical techniques.
- Replaces time-consuming and costly agar and thrombin techniques.
- Requires phosphate-free fixative on processor, such as Zinc Formal-Fixx™, Formal-Fixx™, or Glyo-Fixx™ (formalin substitute) or simply bypass formalin fixation steps on processor. Cytoblock can also be run on a rapid biopsy program.

Description	Pkg/Qty	Order Number
Cytoblock Cell Block Preparation System	1 kit / 50 specimens	7401150
Replacement Reagents	11ml / Each	7401151

Thermo Scientific Shandon Octospot™



- Cyto-centrifuge cells from 8-well microtiter strips directly onto a microscope slide (96 spots per spin). Turn 8 slides into 1.
- Incorporates an 8-well strip, an 8-well slide, a holding block and filter card assembled in a standard Cytoclip.
- Solvent-resistant slides retain separate reagents in individual wells to prevent cross-contamination.

Description	Pkg/Qty	Order Number
Octospot Starter Pack with Easy Write Slides	Each	1001622
Octospot Starter Pack with Solvent Resistant Slides	Each	1001623
Filter Cards (for protein free samples of 30-40 microliters)	Thick 100 / Pk	1001641
Filter Cards (for 15-20 microliter samples)	Thin 200 / Pk	1001649
8-well Strips	12 strips/rack x 5	1001643
8-well Strips	Loose 60 / Bag	1001642
Solvent-Resistant Slides	8 spots 100 / Box	1001645
EZ-Write Slides	8 spots 100 / Box	1001646
Coverglass 22 x 70mm, 1.0 thickness	1oz. Pk x 10 / Cs.	1001624
Holding Block	Each	1001644
Slide Rack Lids	50 / Pk	1001647

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Anatomical Pathology

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