



FORENSICS



PHARMA



CLINICAL

WELL PLATES

Experience the Efficiency of UCT's Well Plate Solutions

- Versatile Sorbent Options
- Automation Ready
- Extract Small Sample Volumes
- Reduce Solvent Consumption
- Prevent Cross-Contamination
- For Traditional SPE and Filtration



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UNLOCKING THE BENEFITS

OF SOLID PHASE EXTRACTION WELL PLATES

High Throughput : Well plates allow for the simultaneous processing of multiple samples, leading to increased throughput in sample preparation.

Automation Compatibility : Well plates are well-suited for automation systems or multi-channel pipettes, making the SPE process more efficient and reproducible. Automated liquid handling systems can be easily programmed to handle well plates, improving overall workflow.

Small Sample Size : Well plates facilitate the extraction of smaller sample volumes. This can be beneficial when dealing with limited sample volumes, especially in real-life cases.

Cost-Effective : Well plate SPE allows low solvent consumption depending on the experimental design. A smaller amount of sorbent used in each well of a well plate can significantly impact the overall purchasing cost and contribute to the cost-effectiveness of the method.



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FORENSIC PRODUCT LINES

SELECTED SORBENT CHEMISTRIES FOR FORENSIC APPLICATIONS

TRADITIONAL SPE



Xtrackt®

Large Particle Size

Styre Screen®

Polymeric Phases

Clean-Up®

Diverse Sorbent Chemistry Options

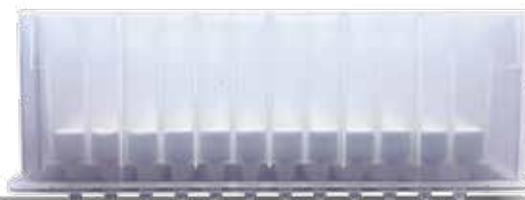
Clean Screen®

Selected Sorbent Chemistries for Forensic Applications

Clean Screen®

Clean-Up®

FILTRATION



Clean Screen® FASt

Proprietary Chemistry

Refine™

Hydrophobically treated dual frit combo



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TRADITIONAL SPE

Standard Well Plates

- Made from solvent-resistant, low extractable polypropylene.
- Available in 48 and 96-well plate configurations.
- Compatible with most Robotic and Liquid Handling technologies.
- A comprehensive selection of sorbent chemistries, all conveniently available in well plate format for screening and confirmation applications.
- Customized product configurations upon request.
- Also offered in a long drip option to prevent cross-contamination.



Removable Well Plates



- Available in various chemistries and bed weights, catering to diverse needs.
- Choose from convenient 1 mL and 2 mL well plate options for efficient processing.
- The innovative design allows for method development flexibility.
- Customize well plates by removing wells, offering tailored solutions for different batch sizes.

FILTRATION



Clean Screen® FASt

- Simple Filtration of urine samples for LC/MS analysis.
- Eliminates centrifuge and sample transfer steps.
- Reduces matrix suppression & removes particulates greater than 1 μm .
- Lower costs by decreasing turn-around time.
- Reduces instrument and LC column maintenance.

Refine™

- Hydrophobically treated, dual frit combo mitigates any leakage of the sample/organic solvent through the plate.
- Long-drip tips compared to standard well plate depth.
- Simple filtration reduces matrix suppression without losing target analytes.
- Accommodates in-well urinary enzyme hydrolysis and can withstand high incubation temperatures.
- Simultaneous in-well sample precipitation and filtration.



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SORBENT SELECTION

Reverse Phase	Normal Phase	Ion Exchange	
Hydrophobic	Hydrophilic	Anion	Cation
Ethyl (C2)	Silica	Aminopropyl (1° amine) (NAX)	Carboxylic acid (CCX)
n-butyl (C4)	Diol	N-2 Aminoethyl (1° & 2° amine) (PSA)	Propylsulfonic acid (PCX)
Octyl (C8)	Cyanopropyl	Diethylamino (DAX)	Benzenesulfonic acid (BCX)
Octadecyl (C18)	Florisil	Quaternary amine (QAX)	Triacetic acid (TAX)
Tricontyl (C30)	Alumina	Polyimine (PAX)	
Cyclohexyl	Carbon		
Phenyl			

Copolymeric phases also available (Examples: C8 + QAX and C18 + BCX)

Removable Well Plates

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Vol.
WTH2QAX311	CLEAN-UP®	100mg	C18 + QAX	Mixed-Mode	No	2.2mL
WTHCEC1811	CLEAN-UP®	100mg	C18	Reverse Phase	Yes	2.2mL
WTHCUC18105	CLEAN-UP®	50mg	C18	Reverse Phase	No	2.2mL
WTHCUC1811	CLEAN-UP®	100mg	C18	Reverse Phase	No	2.2mL
WTH1DAU105	CLEAN SCREEN®	50mg	DAU	Mixed-Mode	No	1.2mL
WTH2DAU11	CLEAN SCREEN®	100mg	DAU	Mixed-Mode	No	2.2mL
WTH2DAU105	CLEAN SCREEN®	50mg	DAU	Mixed-Mode	No	2.2mL

Refine™

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Vol.
RFNWSH96	Refine™	N/A	Chemically Modified Frits	Filtration	No	1.9 mL

Clean Screen® FASt

SKU	Product	Sorbent	Phase	Mechanism	Endcapping
WSH96FAS11-10LD	CLEAN SCREEN®	100mg	FASt	Filtration	No
WSH96FASETG11-10LD	CLEAN SCREEN®	100mg	FASt EtG	Filtration	No
WSH96FASTH11-10LD	CLEAN SCREEN®	100mg	FASt THC	Filtration	No



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Standard Well Plates (Alumina)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Wells
WSHALA05	CLEAN-UP®	50mg	Alumina	Normal Phase	No	96
WSHALB1	CLEAN-UP®	100mg	Alumina	Normal Phase	No	96
WIMALA1	CLEAN-UP®	100mg	Alumina	Normal Phase	No	48

Standard Well Plates (BCX)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Wells
WSHBCX105	CLEAN-UP®	50mg	BCX	Cation Exchange	No	96
WSHBCX403	STYRE SCREEN®	30mg	BCX	Cation Exchange	No	96
WIMBCX11	CLEAN-UP®	100mg	BCX	Cation Exchange	No	48
WSHBCX11	CLEAN-UP®	100mg	BCX	Cation Exchange	No	96

Standard Well Plates (C18 + BCX)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Vol.
WSHBCX303-LD	CLEAN-UP®	30mg	C18 + BCX	Mixed-Mode	No	2.1mL
WSHDBX403	STYRE SCREEN®	30mg	C18 + BCX	Mixed-Mode	No	2.1mL



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Standard Well Plates (C18)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Wells
WIMCEC1811	CLEAN-UP®	100mg	C18	Reverse Phase	Yes	48
WSHCEC18105	CLEAN-UP®	50mg	C18	Reverse Phase	Yes	96
WSHCEC1811	CLEAN-UP®	100mg	C18	Reverse Phase	Yes	96
WSHCEC1812	CLEAN-UP®	200mg	C18	Reverse Phase	Yes	96
WIMCUC1811	CLEAN-UP®	100mg	C18	Reverse Phase	No	48
WSHCUC18105	CLEAN-UP®	50mg	C18	Reverse Phase	No	96
WSHCUC1811	CLEAN-UP®	100mg	C18	Reverse Phase	No	96
WT2XRODH11	XtrackT®	100mg	C18	Reverse Phase	Yes	96
WSHXRODH11	XtrackT®	100mg	C18	Reverse Phase	Yes	96

Standard Well Plates (C8 + BCX)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Wells
WIMBCX2M	CLEAN-UP®	1000mg	C8 + BCX	Mixed-Mode	No	48
WSHBCX205	CLEAN-UP®	50mg	C8 + BCX	Mixed-Mode	No	96
WSHBCX21	CLEAN-UP®	100mg	C8 + BCX	Mixed-Mode	No	48
WIMBCX25	CLEAN-UP®	500mg	C8 + BCX	Mixed-Mode	No	96

Standard Well Plates (C8 + CCX)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Vol.
WSHCCX21	CLEAN-UP®	100mg	C8 + CCX	Mixed-Mode	No	2.1mL
WSHCCX26	CLEAN-UP®	60mg	C8 + CCX	Mixed-Mode	No	2.2mL



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Standard Well Plates (C8 + NAX)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Vol.
WSHNAX21	CLEAN-UP®	100mg	C8 + NAX	Mixed-Mode	No	2.1mL

Standard Well Plates (C8 + QAX)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Vol.
WSHQAX205	CLEAN-UP®	50mg	C8 + QAX	Mixed-Mode	No	2.1mL

Standard Well Plates (CCX)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Wells
WSHCCX105	CLEAN-UP®	50mg	CCX	Cation Exchange	No	96
WSHCCX11	CLEAN-UP®	100mg	CCX	Cation Exchange	No	96
WIMCCX11	CLEAN-UP®	100mg	CCX	Cation Exchange	No	48
WIMCCX13	CLEAN-UP®	300mg	CCX	Cation Exchange	No	48
WSHCCX11-LD	CLEAN-UP®	100mg	CCX	Cation Exchange	No	48



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Standard Well Plates (DAU)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Vol.
WSHDAU105	CLEAN SCREEN®	50mg	DAU	Mixed-Mode	No	2.1mL
WSHDAU11	CLEAN SCREEN®	100mg	DAU	Mixed-Mode	Yes	2.1mL
WSHDAU12	CLEAN SCREEN®	200mg	DAU	Mixed-Mode	No	2.1mL
WSHDAU13	CLEAN SCREEN®	300mg	DAU	Mixed-Mode	No	2.1mL
WSHDAU11-LD	CLEAN SCREEN®	100mg	DAU	Mixed-Mode	No	2.1mL
WSHDAU12-LD	CLEAN SCREEN®	200mg	DAU	Mixed-Mode	No	2.1mL
WT2XRDAH11	XtrackT®	100mg	DAU	Mixed-Mode	No	2.1mL

Standard Well Plates (DAX)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Vol.
WSHDAX105	CLEAN-UP®	50mg	DAX	Anion Exchange	No	2.1mL

Standard Well Plates (NAX)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Wells
WSHNAX105	CLEAN-UP®	50mg	NAX	Anion Exchange	No	96
WSHNAX11	CLEAN-UP®	100mg	NAX	Anion Exchange	No	96
WSHNAX12	CLEAN-UP®	200mg	NAX	Anion Exchange	No	96
WSHNAX13	CLEAN-UP®	300mg	NAX	Anion Exchange	No	96
WIMNAX11	CLEAN-UP®	100mg	NAX	Anion Exchange	No	48
WIMNAX13	CLEAN-UP®	300mg	NAX	Anion Exchange	No	48
WSHNAX125	CLEAN-UP®	25mg	NAX	Anion Exchange	No	96



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Standard Well Plates (PAX)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Wells
WIMPAX13	CLEAN-UP®	300mg	PAX	Anion Exchange	No	48
WSHPAX11	CLEAN-UP®	100mg	PAX	Anion Exchange	No	96
WSHPAX12	CLEAN-UP®	200mg	PAX	Anion Exchange	No	96
WSHPAX13	CLEAN-UP®	300mg	PAX	Anion Exchange	No	96

Standard Well Plates (PHY)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Wells
WSHPHY105	CLEAN-UP®	50mg	PHY	Reverse Phase	No	96

Standard Well Plates (DVB)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Wells
WIMDVB41	STYRE SCREEN®	100mg	DVB	Reverse Phase	No	48
WSHDVB403	STYRE SCREEN®	30mg	DVB	Reverse Phase	No	96
WSHDVB406	STYRE SCREEN®	60mg	DVB	Reverse Phase	No	96
WSH48DVB406	STYRE SCREEN®	60mg	DVB	Reverse Phase	No	48
WSHDVB405	STYRE SCREEN®	50mg	DVB	Reverse Phase	No	96



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Standard Well Plates (HLD)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Vol.
WSHHLD403	STYRE SCREEN®	30mg	HLD	Reverse Phase	No	2.1mL

Standard Well Plates (HLB)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Vol.
WSHHLB403	STYRE SCREEN®	30mg	HLB	Reverse Phase	No	2.1mL
WSHHLB603	STYRE SCREEN®	60mg	HLB	Reverse Phase	No	2.1mL

Standard Well Plates (PSA)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Vol.
WSHPSA11	CLEAN-UP®	100mg	PSA	Anion Exchange	No	2.1mL

Standard Well Plates (QAX)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Vol.
WSHQAX105	CLEAN-UP®	50mg	QAX	Anion Exchange	No	2.2mL
WSHQAX11-LD	CLEAN-UP®	100mg	QAX	Anion Exchange	Yes	2.2mL
WSHQAX11	CLEAN-UP®	100mg	QAX	Anion Exchange	No	2.2mL

Standard Well Plates (THC)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Vol.
WSH THC12	CLEAN SCREEN®	200mg	THC	Mixed-Mode	No	2.1mL
WSH THC11	CLEAN SCREEN®	100mg	THC	Mixed-Mode	Yes	2.1mL
WSH THC A105	CLEAN SCREEN®	50mg	THC	Mixed-Mode	No	2.1mL
WU THC A105	CLEAN SCREEN®	50mg	THC	Mixed-Mode	No	2.1mL

Standard Well Plates (Silica)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Vol.
WSH SIL13	CLEAN-UP®	300mg	Unbonded Silica	Normal Phase	No	2.1mL
WSH SIL11	CLEAN-UP®	100mg	Unbonded Silica	Normal Phase	No	2.1mL

Standard Well Plates (XCEL I)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Wells
WSH48XCE11	CLEAN SCREEN®	130mg	XCEL I	Mixed-Mode	No	48
WSH96XCE11	CLEAN SCREEN®	130mg	XCEL I	Mixed-Mode	Yes	96
WSH96XCE11-LD	CLEAN SCREEN®	130mg	XCEL I	Mixed-Mode	No	96
WSH96XCE108-LD	CLEAN SCREEN®	80mg	XCEL I	Mixed-Mode	No	96
WSH96XCE11-RFN	CLEAN SCREEN®	130mg	XCEL I	Mixed-Mode	No	96



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Standard Well Plates (XCEL II)

SKU	Product	Sorbent	Phase	Mechanism	Endcapping	Wells
WSH96XCE208-LD	CLEAN SCREEN®	80mg	XCEL II	Mixed-Mode	No	96
WSH96XCE211	CLEAN SCREEN®	130mg	XCEL II	Mixed-Mode	No	96
WSH48XCE211	CLEAN SCREEN®	130mg	XCEL II	Mixed-Mode	No	48

Accessories

SKU	Description
WIM48CP	48 Deep Well Collection Plate
WSH96CP	96 Deep Well Collection Plate
WSH96WT	96 Well Plate Waste Collection Tray
WSH48PS	48 Well Plate Pierceable Seal Lid
WSH96PS	96 Well Plate Pierceable Seal Lid
WIM481F	Fritted Empty 48 Deep Well Plate 1 Frit
WSH961FR	Fritted Empty 96 Deep Well Plate 1 Frit, 20 Micron
WSH963FR	Fritted 96 Well Plate 1 20 Micron & 2 10um Square Frits
FRSH1096P	Square Frit, 10 Micron/96 well plate
FRSH2096P	Square Frit, 20 Micron/96 well plate
FR10481P	Frit, For 48 Deep Well Plate



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