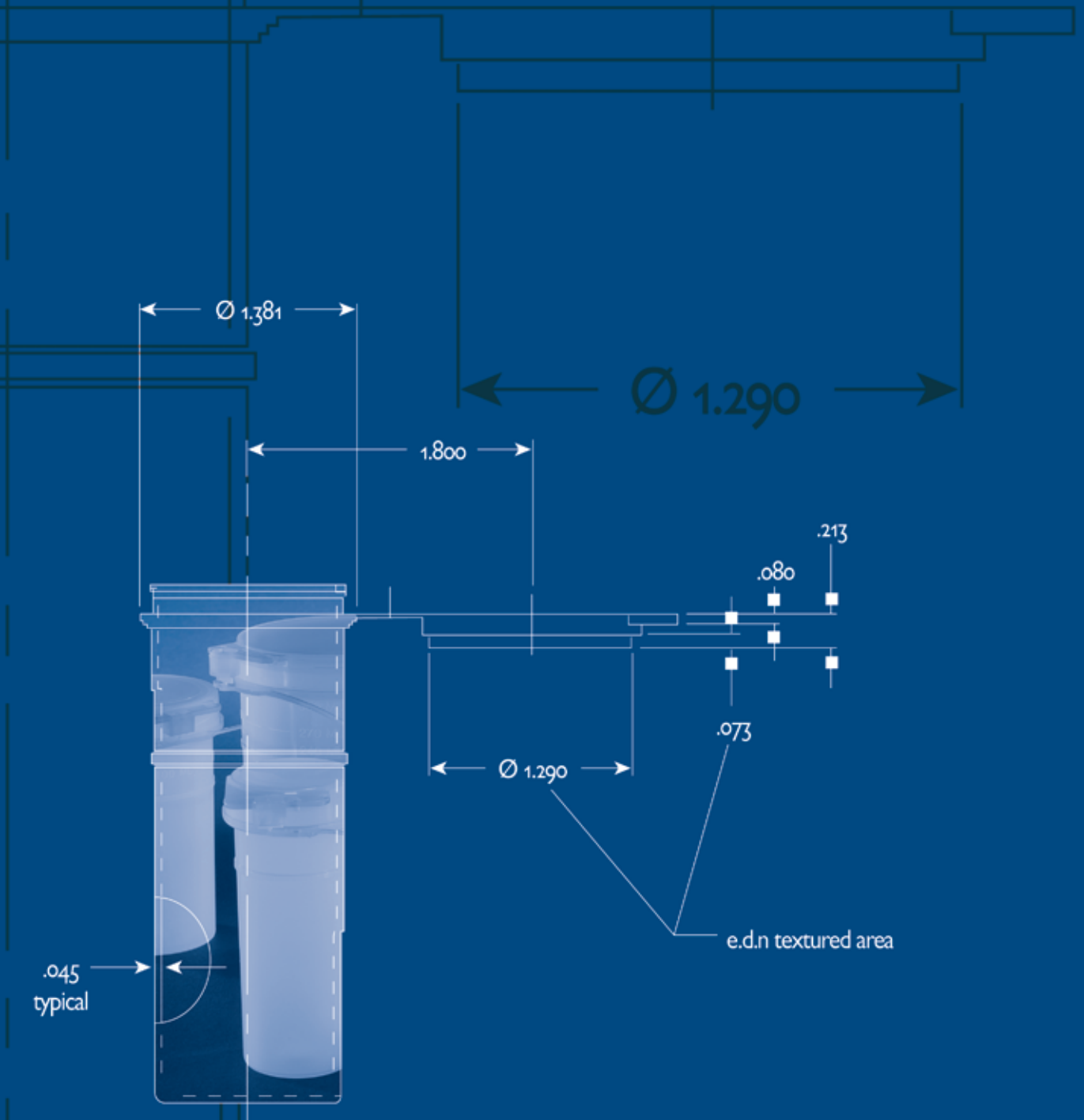


**Plastic Solutions**  
for food processing, healthcare, science & industry



**CAPITOL VIAL INC.**



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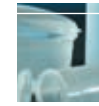


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## Introduction



Capitol Vial specializes in producing FDA-approved food grade polypropylene containers that conform to FDA and SAMHSA specifications. The triple seal containers (details below) are sterile, airtight and leakproof. This patented flip-top is integrally hinged to the container, allowing the user to open and close the container with one hand.

Capitol Vial designs and builds custom molds to customers' specific requirements and manufactures a variety of containers including, but not limited to, milk vials for dairy testing, specimen collection and transport containers for drugs of abuse testing, environmental sampling containers, quality control sample storage containers and food packaging vials. The containers are available in light repellent colors including amber and black or can be customized to meet the needs of your application.

Containers from Capitol Vial are manufactured in FDA approved Class 10,000 and Class 100,000 clean rooms. The containers are sterile-by-process and for most applications do not require

a second means of sterilization. Containers are physically closed in the mold as part of the manufacturing process in clean rooms using Hepa-Filtration Systems, guaranteeing zero particulates larger than one half micron. The containers are non-absorptive and non-aerosoling. Capitol Vial containers and systems are protected by ten different patents.

Capitol Vial can apply engineering expertise to integrate its container technology into both customers' and the high speed packaging lines at Capitol Vial. This integration provides customers with turnkey solutions to their unique packaging applications. Taking advantage of strengths in the areas of tool design, mold building, manufacturing and packaging, Capitol Vial has become a leading provider to the pharmaceutical, medical device, diagnostic testing, drug testing, water testing, food, dairy and confectionary markets.

Capitol Vial is an ISO 9001 Certified company and is dedicated to customer satisfaction through quality and service.

## Triple Seal Design

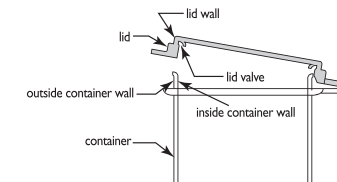
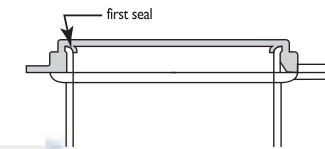
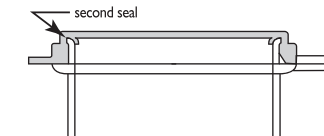


Figure #1 illustrates the critical aspects of the three seal design. The figure also depicts the position of the lid as it approaches the container during closing.

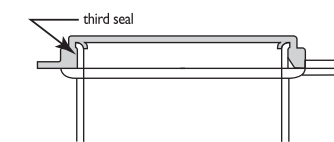
The hinged design positions the lid at the appropriate angle to ensure proper closure.



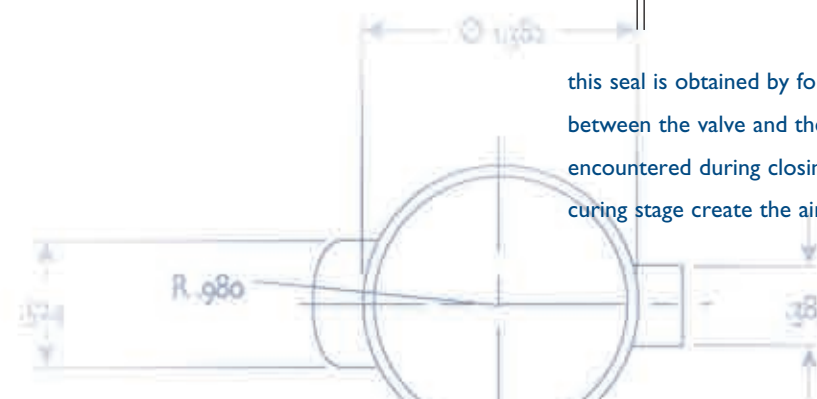
The first seal is formed by the union of the lid valve (figure #2) with the inside surface of the container wall. The integrity of this seal is obtained by forcing the top of the container into a small space between the valve and the wall of the lid. The structural interference encountered during closing and the shrinkage that occurs during the curing stage create the airtight seal.



The second seal is formed by the union of the top edge of the container wall (figure #3) and the inside wall of the lid. Similar to the first seal, it is a combination of structural interference and shrinkage that guarantees the integrity of the seal. This feature's primary function is to provide a leakproof seal that prevents fluids from entering or exiting the container.



The third seal is formed by the union of the outer wall of the container (figure #4) and the undercut around the inside wall of the lid. This seal provides another layer of protection against fluid ingress and egress and also determines the amount of internal air pressure the container will withstand. The level of internal air pressure is controlled by the ratio of surface contact to undercut.





## Introduction

### Capitol Vial's Molding & Curing Process for Flip-Top Vials

The critical aspect of Capitol Vial's injection molding technology is its ability to close the container before the material is fully set. By closing the container while the part is still hot, Capitol Vial uses the natural curing properties of the plastic to help form the seals inherent in the container design. The process for closing the container in the mold is shown in the figures below.

Step 1



The mold consists of two sides, the cavity and the core. The container can be closed in the mold because the cavity that forms the lid is located in a movable piece of the mold called the flipper. Plastic is injected into the mold from the bottom of the body cavity and forms around the cores. The hinge of the container

provides the pathway for the plastic to flow from the body to the lid cavity. As depicted in step 1, the container remains in the cavity after the cores have retracted. This differs from many injection molding processes where the part is usually removed from the cavity by the retracting core.

Step 2



With the core side retracted, the flipper is free to rotate upwards. Step 2 illustrates the flipper moving the lid towards the body of the container. The flipper rotates 180° until the

lid is closed. Since the container is still hot, the plastic flexes and allows the seal to form without distortion.

Step 3



As the flipper returns to its home position in step 3, the lid is secured to the body of the container and the normal shrinkage process continues. Along with the airtight seals, shrinkage creates the "living hinge" of the container. The hinge is molded in the open

position and as a result acquires memory for this orientation. The hinge also obtains memory in the closed position. This "dual memory" creates a robust "living hinge" which maintains its integrity indefinitely.

Step 4



Once the flipper is fully retracted, the container is ejected from the mold in step 4 with the use of a mechanical pin and air pressure.

The container continues to cool until it reaches ambient temperature, providing a hermetic seal.

## General Packaging & Storage



- Biomaterial Storage
- Biopsy Transport
- Buffer Solution Vials
- Confectionary Packaging
- Cosmetic Product Packaging
- DNA Storage
- Dairy Testing
- Diagnostic Product Packaging
- Environmental Sampling
- Food Packaging
- Household Product Packaging
- Insect Storage/Fruit Fly Vials

### Applications for Capitol Vial Flip-Top Containers

- Liquid Storage & Packaging
- Medical Device Packaging
- Milk Testing
- Office Supplies Storage
- Paint Samples
- Powder Storage & Packaging
- Quality Control Sample Storage
- Reagent Packaging
- Science Experiment Container
- Sludge Samples
- Small Part Storage
- Solid Sample Storage

- Sterile Packaging Vials
- Stool Sample Collection
- Substance Abuse Testing
- Tamper Evident Storage
- Travel Vials for Personal Articles
- Trial Size Packaging
- Urine Collection & Transport
- Veterinary Sample Vials
- Vitamin Storage
- Water Testing

Choose from 22 Colors!

Most Capitol Vial vials are available in a myriad of colors but may be subject to minimum order requirements. To order any vial in a specific color, contact customer service.

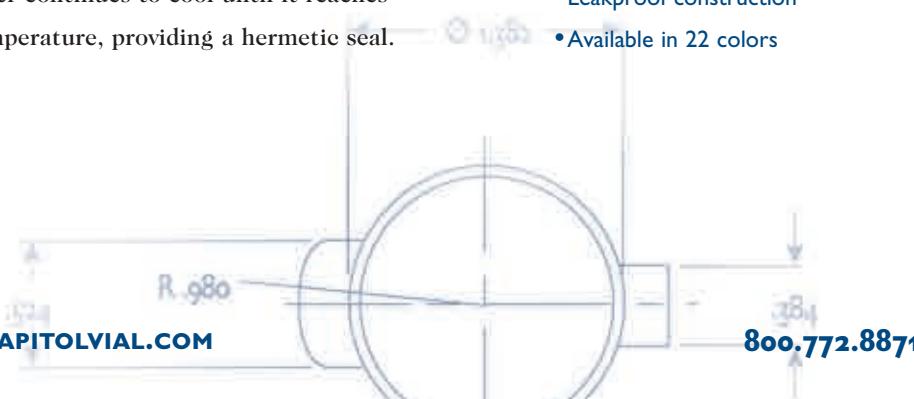
- |                 |              |                |            |            |
|-----------------|--------------|----------------|------------|------------|
| 1. Royal Blue   | 6. Yellow    | 11. Dark Brown | 15. Wine   | 19. Silver |
| 2. Sky Blue     | 7. Frego Red | 12. Lt Brown   | 16. Purple | 20. Gold   |
| 3. Turquoise    | 8. Light Red | 13. Amber      | 17. Cream  | 21. Clear  |
| 4. Dark Orange  | 9. Evergreen | 14. Pink       | 18. White  | 22. Black  |
| 5. Light Orange | 10. Lime     |                |            |            |



### Standard Flip-Top Containers

- Economical storage for all types of samples
- 100% Polypropylene Vials
- Permanent hinge lid
- Leakproof construction
- Available in 22 colors

Capitol Vial's patented flip-top containers are ideal for use in applications involving storage and packaging of a wide range of liquids and solids. Choose from a variety of colors and sizes to fit your application.





## General Packaging & Storage



### 2oz Flip-Top Vial

<i>Profile</i>	
Part No.	02CL
Capacity	45ml
ID	23mm
Length	84mm
Material	Polypropylene
Colors	All
Packaging	600/case



### 4oz High Profile Vial

<i>Profile</i>	
Part No.	04HP
Capacity	120ml
ID	43mm
Length	90mm
Material	Polypropylene
Colors	All
Packaging	250/case



### 2.5oz Flip-Top Vial

<i>Profile</i>	
Part No.	2.5CL
Capacity	70ml
ID	50mm
Length	50mm
Material	Polypropylene
Colors	All
Packaging	400/case



### 4oz Low Profile Vial

<i>Profile</i>	
Part No.	04LP
Capacity	120ml
ID	63mm
Length	50mm
Material	Polypropylene
Colors	All
Packaging	250/case



### 3oz Flip-Top Vial

<i>Profile</i>	
Part No.	03CL
Capacity	90ml
ID	33mm
Length	93mm
Material	Polypropylene
Colors	All
Packaging	400/case



### 8oz Flip-Top Vial

<i>Profile</i>	
Part No.	08CL
Capacity	240ml
ID	75mm
Length	75mm
Material	Polypropylene
Colors	All
Packaging	150/case

### Summary of Standard Flip-Top Containers

Part No.	Description (IDxLength)	Packaging
02CL	2oz flip-top vial (23x84mm)	600/case
2.5CL	2.5oz flip-top vial (50x50mm)	400/case
03CL	3oz flip-top vial (33x93mm)	400/case
04HP	4oz high profile vial (43x90mm)	250/case
04LP	4oz low profile vial (63x50mm)	250/case
08CL	8oz flip-top vial (75x75mm)	150/case



## General Packaging & Storage

### Flip-Top Containers with Lock Seal

- Secure storage vials
- Air tight construction
- Shoulderless, linerless vial

These vials are identical in construction to the standard flip-top vials with the addition of a lock seal tab that allows the user to lock the lid to the base of the container.



### 2oz Lock Seal Vial

<i>Profile</i>	
Part No.	02LS
Capacity	45ml
ID	23mm
Length	84mm
Material	Polypropylene
Colors	All
Packaging	600/case



### 8oz Lock Seal Vial

<i>Profile</i>	
Part No.	08LS
Capacity	240ml
ID	75mm
Length	75mm
Material	Polypropylene
Colors	All
Packaging	140/case



### 4oz High Profile Lock Seal

<i>Profile</i>	
Part No.	04HPLS
Capacity	120ml
ID	43mm
Length	90mm
Material	Polypropylene
Colors	All
Packaging	250/case



### 10oz Lock Seal Vial

<i>Profile</i>	
Part No.	10HPLS
Capacity	300ml
ID	62mm
Length	110mm
Material	Polypropylene
Colors	All
Packaging	100/case



### 4oz Low Profile Lock Seal

<i>Profile</i>	
Part No.	04LPLS
Capacity	120ml
ID	63mm
Length	50mm
Material	Polypropylene
Colors	All
Packaging	250/case

### Summary of Flip-Top Containers with Lock Seal

Part No.	Description (IDxLength)	Packaging
02LS	2oz lock seal vial (23x84mm)	600/case
04HPLS	4oz lock seal vial (43x90mm) —high profile container	250/case
04LPLS	4oz lock seal vial (63x50mm) —low profile container	250/case
08LS	8oz lock seal vial (75x75mm)	140/case
10HPLS	10oz lock seal vial (62x110mm) —high profile container	100/case



## General Packaging & Storage

### 45ml Tamper Evident Vial



- Vial is closed and secured in the molding process
- Filament arrow connects lid of vial to base to insure integrity
- Arrow is broken when vial is initially opened

Tamper evident vial is closed in the molding process and secured by a plastic arrow filament to

prove it has never been opened from point of manufacture. Upon opening the vial, the plastic arrow will detach. The vial serves as an airtight, leakproof container for transport after collection.

Part No.	Description	Packaging
10155	45ml tamper evident vial	700/case

### Tamper Evident Custody Containers



- Irreversible chain lock secures containers
- Transport and store sensitive materials and samples
- Ideal for chain of custody storage of forensic evidence
- Durable secondary container with tamper evident features for shipping a wide variety of biologicals

Capitol Vial's unique custody containers feature a one-way, irreversible chain lock that secures the container once it is closed. The containers

are available in six different sizes to hold a wide array of materials requiring tamper evident security. To open after use, simply cut the chain lock with scissors.

Part No.	Description	Packaging
02CC	2oz custody container	600/case
03CC	3oz custody container	400/case
04CC	4oz custody container	250/case
05CC	5oz custody container	175/case
10CC	10oz high profile custody container	100/case
10LPCC	10oz low profile custody container	90/case

### Transport Caddy with Tube Holder Insert



- Ideal for transporting sample tubes for analysis
- Incorporate into kit packaging to conceal and protect blood and urine tubes

The Tube Caddy measures 63mm in diameter with a length of 110mm. The insert can be customized to hold various tubes for kit packaging and site-to-laboratory transport. Current configuration holds five tubes.

The tube insert is removable so that accessioning and assembly personnel can access tubes and insert tubes using a standalone rack. Three lock down tabs secure the permanent hinge lid to the base of the container.

Part No.	Description	Packaging
10023	transport caddy with insert	100/case

## General Packaging & Storage



- 150ml capacity, leakproof construction
- Polypropylene vial and permanent hinge cap
- Etched fill lines at 90ml and 99ml

Capitol Vial is a leading manufacturer of sterile buffer containers. Turnkey vial production with screen printing of product information on vial and automated sterile buffer filling is available. Buffer vials are also sold separately. Please contact a Capitol Vial sales representative for more information.

Part No.	Description (IDxLength)	Packaging
L102	40ml storage vial (28x80mm)	500/case
LICAP2500	white snap on cap for 40ml vial (28mm)	2500/case

- Translucent vial for easy visibility of contents
- Perfect for general storage of small parts
- Tight fit snap on cap secures vial

For general storage of small parts, Capitol Vial's 40ml vial and snap cap is a universal container for home office, house-hold, production retention samples and general packaging.

Part No.	Description (IDxLength)	Packaging
02CL-LSAMBER	45ml amber vial (28x83mm)	600/case
02CL-LSBLACK	45ml black vial (28x83mm)	600/case
03CL-LSAMBER	60ml amber vial (34x94mm)	400/case

- Available in amber and black
- Constructed of polypropylene

For storage and transport of light sensitive samples, Capitol Vial offers three stock containers. Other containers pictured in this catalog can also be manufactured in amber or black in accordance with minimum production run requirements.

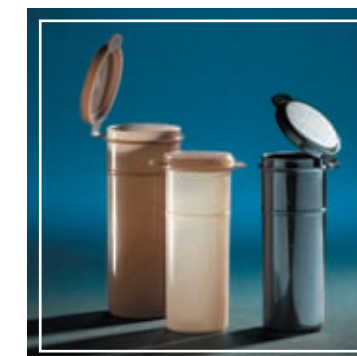
### OEM Sterile Buffer Packaging Containers



### 40ml Vial with Snap Cap



### Flip-Top Containers for Light Sensitive Samples



### 11ml & 13ml Capacity Vials

- Store and transport small body fluid samples
- Popular for biopsy specimens
- Handy pocket size vial for vitamins or pills

Two sizes of flip-top vials for storing and protecting small items. Leakproof design is ideal for tissue sample transport between physician office and laboratory.



## Drugs of Abuse Testing Supplies

### Drugs of Abuse Specimen Collection & Transport Kits

Capitol Vial manufactures the single and split specimen collection and transport kits utilizing custom, high-speed automated assembly equipment.

To insure the quality of the specimen collection kits, manual labor is minimized in the assembly process. The automated equipment places temperature strips on the collection cups, inserts absorbent pads into dual pouch specimen bags, and loads these components along with the transport vial(s) into

the collection cup. A foil top seal is heat transferred to the rim of the collection cup resulting in a Class 10,000 sterile product.

The automated assembly process provides laboratories with a collection kit that features unparalleled consistency in terms of reproducible quality and insures the collection site that the product has never been opened or tampered with prior to collection.

### Single Specimen Collection Kit



Single specimen collection kits consist of an 8oz collection cup, temperature indicator strip, specimen bag with absorbent pad and a 45ml transport vial. Items are sealed inside the collection cup with a foil top lid. To use, simply peel away the foil top lid and remove the components inside the cup. Provide the donor with the collection cup. Once the collection is complete, pour off 30ml of urine into the transport vial. Now seal the vial by closing the hinged lid on top until it snaps closed (note: evidence tape may be administered over the top of the vial to protect the integrity of the specimen—supplied separately as requested). The vial should be placed in the front pocket

of the specimen bag while the completed requisition is placed in the rear pocket. Seal the specimen bag by removing the blue release liner on the bag and folding the flap over the pockets. Unless a box is required to transport the specimen to a test laboratory, arrange for courier transport to the laboratory of choice using the couriers recommended guidelines and transport packaging. Temperature reading of the initial specimen should be administered as laboratory test guidelines indicate.

Part No.	Description	Packaging
90111	single specimen collection kit	100/case

### Split Specimen Collection Kit (SAMHSA) for Workplace Testing



The split specimen collection and transport kit offers the same kit components as the single specimen kit (#90111) with one additional 45ml transport vial. The kit will be administered during collection similar to the single kit (#90111) except that after pouring off 30ml of urine into the first transport vial, the test administrator will pour an additional

15ml of urine into the second vial. If you are testing according to SAMHSA guidelines, please refer to those mandated instructions for collection and transport requirements.

Part No.	Description	Packaging
92023	split specimen collection kit	100/case

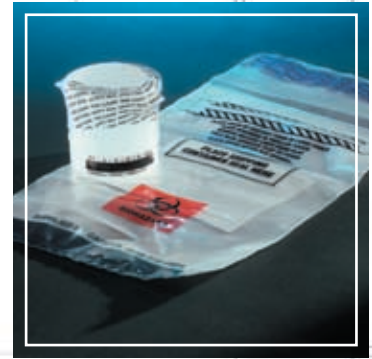
## Drugs of Abuse Testing Supplies



### Single Specimen Collection Kit with 90ml (wide-mouth) Flip-Top Vial in Bag

Part No.	Description	Packaging
91020	90ml single specimen collection kit with evidence tape seal	100/case
91024	90ml single specimen collection kit	100/case

Kit includes a 90ml flip-top vial with band seal, temperature strip and specimen bag with absorbent, all of which are sealed in a bag. The 90ml flip-top vial features a wide-mouth opening which enables clients to avoid using a separate collection cup for voiding.



### Dual Pocket Biohazard Bags for Specimen Transport

Absorbent pads sold preassembled in bag or separate

Part No.	Description	Packaging
20338	dual pocket specimen transport bag	3000/case
20315	dual pocket specimen transport bag with absorbent sheet	1000/case
30101	3x4 absorbent pad	1000/case

The dual pocket specimen bag features a removable liner that exposes a robust adhesive for sealing both compartments of the bag. Specimens are inserted into the front pocket. Requisition or sensitive documents are stored in the back pocket. The bag features a printed Biohazard symbol and instructions for use. Capitol Vial's specimen transport bag is available with and without an absorbent pad.



### 90ml Wide-Mouth Flip-Top Vial

Industry standard for urine collection & transport

Part No.	Description (IDxLength)	Packaging
10102	90ml flip to vial (48x52mm)	400/case
10109	90ml flip to vial with band seal	400/case
10113	90ml flip to vial with temperature strip and band seal	400/case
10114	90ml flip to vial with temp. strip	400/case
10150	120ml flip to vial (43x90mm)	275/case

The 90ml flip-top vial is constructed of 100% polypropylene resin. The vials are leakproof containers that have been tested for binding properties against major drugs of abuse testing targets such as marijuana and cocaine. During transport and storage, the polypropylene material prohibits drugs from binding to the walls of the container to insure optimum test results. The lid of the vial is attached to the container via a permanent hinge. Available in a variety of configurations as highlighted in the chart.



### 5-up & 10-up Analyzer Strip Cups



For increased productivity in preparing aliquots of urine for processing on Hitachi and Olympus chemistry analyzers, Capitol Vial manufactures two different strip cups that fit into the equipment racks. Normally, lab personnel would be required to place individual cups in each rack bay. With the 5-Up (Hitachi analyzer) and 10-Up (Olympus analyzer) strip cups, lab personnel simply places the strip cups into the racks to save valuable time in the testing process.

### Collection Cups for Traditional & On-Site Testing



Capitol Vial offers two different beaker-style collection cups for the initial specimen collection from a subject. Each cup features a pour spout for ease in transferring sample into smaller containers for subsequent testing. Temperature indicator strips are available on all collection cups.

### Temperature Indicator Strips



Temperature indicator strips are available separately for self application. To use, simply peel the strip off of the wax paper backing and apply to your container or vial. The temperature measurement range is 89°F to 100°F. A bright green or tan dot will appear under a temperature marking so that you can accurately record the specimen temperature reading. Available in Celsius or Fahrenheit.



### Drugs of Abuse Testing Supplies

Part No.	Description	Packaging
10005	5-up strip cup	800/case
10010	10-up strip cup	400/case

Part No.	Description	Packaging
10121	3.5oz collection cup with pour spout	350/case
10141	3.5oz collection cup with temp. strip	350/case
10122	8oz collection cup with pour spout	525/case
10126	8oz collection cup with temp. strip	500/case

Part No.	Description	Packaging
35101	fahrenheit temperature indicator strip	30/bag
35105	celsius temperature indicator strip	30/bag

### Drugs of Abuse Testing Supplies

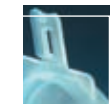


Capitol Vial has produced hundreds of different collection and transport kits for clinical testing laboratories worldwide. Capitol Vial can customize foil tops, biohazard bags, evidence tape seals and kit boxes with your company logo and instructions for use upon request.

Select from these kit categories and contact Capitol Vial to set up your kit!



### On-Site Drugs of Abuse Testing Supplies



For On-Site Testing, Capitol Vial offers a wide array of collection containers and custom molded rapid assay testing parts. So whether you are looking for the ideal urine collection cup, test vial or OEM parts to construct your own rapid assay products, Capitol Vial is the industry choice for quality and reliability.

Part No.	Description	Packaging
10114	90ml flip-top container kit with temperature strip	400/case
15592	6x48mm slot lid cap for 90ml container	400/case
15593	10x50mm slot lid cap for 90ml container	400/case
10117	kit with 90ml container, temperature strip & #15592 slot lid cap	50/case
04LP	120ml flip-top container	250/case
15502	6x50mm slot lid cap for 120ml	250/case

### Snap On Slot Lid Container Caps for On-Site Test Cards

For On-Site testing applications where customers prefer a more sanitary test card insertion technique, Capitol Vial offers two containers and three different snap on slot lids for use with a wide variety of existing rapid result test cards.

The 90ml capacity flip-top container accommodates two different slot lid caps. The 120ml capacity flip-top container is available with one standard size slot lid cap. Both containers have permanent hinge lids for securing the initial sample collection.



## On-Site Drugs of Abuse Testing Supplies

### Confirmation Test Transport Vial



In many cases it is necessary to confirm test results from On-Site test cards or rapid assay cards. When transporting up to 40ml of urine to a certified testing laboratory for the purpose of confirmation testing, Capitol Vial's 45ml tamper evident transport vial is the ideal choice for On-Site testing concerns.

Part No.	Description	Packaging
10155	45ml tamper evident transport vial	700/case

### 90ml Wide-Mouth Universal On-Site Collection & Transport Container for use with Rapid Test Cards



Capitol Vial's 90ml wide-mouth flip-top vial is a leakproof, airtight container suitable for collection, testing, transport and storage of urine specimens. The diameter of the vial has been designed to accommodate most On-Site test cards in use today. Rapid result cards that require insertion of the test card into the urine sample is a typical application for the 90ml container. For testing that requires a small amount of urine to be transferred to the test

card, simply pipet a small amount of urine from the 90ml container contents to the test card well. The 90ml container is available with and without a temperature indicator strip.

Part No.	Description	Packaging
10102	90ml wide-mouth container	400/case
10113	90ml wide-mouth container with temperature strip and band seal	400/case
10114	90ml wide-mouth container with temperature strip	400/case

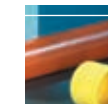
### OEM Parts



Capitol Vial manufactures plastic testing devices and cups to meet customer specifications. If part of your rapid result testing strategy will require engineering design expertise, mold development and production, please contact

Capitol Vial for more information. Below is a sampling of some of the plastic parts Capitol Vial has produced for the On-Site Testing market.

## Specimen Collection



### A Wide Variety of Tubes, Caps & Urinalysis Transport Systems!

Capitol Vial manufactures transport tubes and closures for a wide range of laboratory and biomaterial packaging applications. The transport tubes are fabricated from FDA approved clarified polypropylene resin for visual clarity. The closures consist of polyethylene resin.

### 10ml & 12ml Threaded Transport Tubes

Part No.	Description	Packaging
<b>Threaded Polypropylene Transport Tubes Only</b>		
S40100	10ml clear transport tube	2000/case
S40610	12ml clear transport tube	2000/case
S40650	12ml amber transport tube	1500/case

#### 10ml features

- Graduations in 1ml increments up to 8ml
- 15mm OD x 86mm length, polypropylene
- Freestanding, round bottom with skirt
- Primary application—Serum transport



#### 12ml features

- Etched fill lines at 5ml and 8ml
- 15mm OD x 96mm length
- Freestanding, conical bottom with skirt
- Available in amber color for light sensitive samples
- Primary application—Urine transport



#### Cap features

- Caps fit 10ml and 12ml threaded transport tubes
- Available in 5 colors

Part No.	Description	Packaging
<b>Polyethylene Caps for 10ml &amp; 12ml Transport Tubes</b>		
S40200	red screw-cap	2000/case
S40201	white screw-cap	2000/case
S40202	blue screw-cap	2000/case
S40203	green screw-cap	2000/case
S40204	yellow screw-cap	2000/case

### 10ml & 12ml Transport Tubes with Pre-assembled Screw-Caps

Part No.	Description	Packaging
<b>10ml Pre-Capped Serum Transport Tubes</b>		
S40300	10ml tube with red cap	2000/case
S40301	10ml tube with white cap	2000/case
S40302	10ml tube with blue cap	2000/case
S40303	10ml tube with green cap	2000/case
S40304	10ml tube with yellow cap	2000/case
<b>12ml Pre-Capped General Transport Tubes</b>		
S40714*	12ml tube with yellow cap	1000/case
S40600**	12ml amber tube with yellow cap	1000/case

- 95kPa compliant to DOT and IATA standards for transporting diagnostic and infectious specimens



## 12x75mm Round Bottom Sample Tubes & Polyethylene Plug Caps



### Tube features

- Available in Polystyrene and Polypropylene
- For general sample collection, storage and transport
- Use with 12ml plug style caps and color code samples
- Available both sterile and non-sterile

### Cap features

- Available in hollow top and hollow bottom designs
- Choose from 5 colors

## Universal Test Tube Plug Cap



- Fits tubes with 12mm to 16mm diameter
- Hollow top finish with ribs for easy retrieval
- Flanged threading adapts to plug a variety of tubes

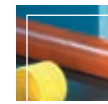
Universal test tube plugs can be used to seal plastic or glass test tubes ranging from 12mm

to 16mm diameters. Innovative design of flanged threads allow the plug caps to descend into tubes until a friction fit is secure and plug is stationary.

## 16x75mm Round Bottom Sample Tubes

- Available in Polystyrene and Polypropylene
- Select from five colors of plug style caps below

Part No.	Description	Packaging
S40125	16x75mm polypropylene tube	1000/case
S40126	16x75mm polystyrene tube	1000/case



## Specimen Collection

Part No.	Description	Packaging
<b>Round Bottom Tubes</b>		
S40122	12x75mm polypropylene sample tube	1000/case
S40123	12x75mm polystyrene sample tube	1000/case
<b>12mm Hollow Top Plug Caps</b>		
S40240	red	1000/case
S40241	white	1000/case
S40242	blue	1000/case
S40243	green	1000/case
S40244	yellow	1000/case
<b>12mm Hollow Bottom Plug Caps</b>		
S40250	red	1000/case
S40251	white	1000/case
S40252	blue	1000/case
S40253	green	1000/case
S40254	yellow	1000/case

Part No.	Description	Packaging
10135	white universal plug cap	10,000/case



## Specimen Collection

Part No.	Description	Packaging
S40814	12ml urinalysis transport system with clear tube	1000/case
S40804	12ml urinalysis transport system with amber tube	1000/case

- Stabilize urine specimens for up to 72 hours
- Constructed of virgin polypropylene for high clarity
- Available in amber color for light sensitive specimens

Part No.	Description	Packaging
S40120	16x93mm polypropylene transfer tube	1000/case

Capitol Vial's urinalysis transport systems consists of a proprietary preservative tablet, 12ml transport tube, yellow screw cap closure and fill line label. The tubes have a conical bottom with a skirted freestanding base. The preservative tablet preserves urine specimens for up to 72 hours without refrigeration. Amber color tubes are available for light sensitive specimens.

## Urinalysis Transport Systems



## 16x93mm Flat Bottom Transfer Tubes

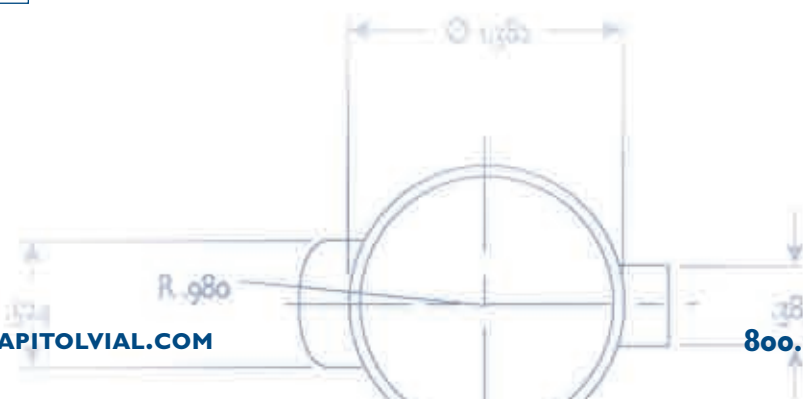


- Available in Polypropylene
- For sample collection, storage and transport
- Use with plug style caps below

## 16mm Polyethylene Plug Style Caps

Part No.	Description	Packaging
<b>16mm Hollow Top Plug Caps</b>		
S40220	red	1000/case
S40221	white	1000/case
S40222	blue	1000/case
S40223	green	1000/case
S40224	yellow	1000/case
<b>16mm Hollow Bottom Plug Caps</b>		
S40230	red	1000/case
S40231	white	1000/case
S40232	blue	1000/case
S40233	green	1000/case
S40234	yellow	1000/case

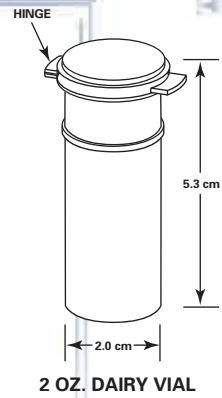
- For use with all 16x75mm and 16x93mm tubes
- Available in hollow top and hollow bottom designs
- Choose from 5 colors to color code samples





## Veterinary & Dairy Industry

### Dairy Industry Containers for Milk Sampling

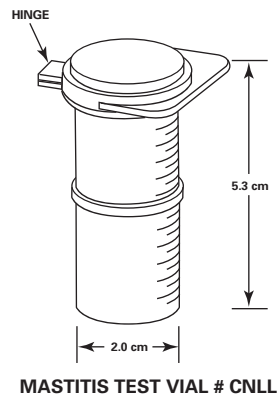


- Leakproof vials are "closed in the mold" during manufacturing
- The industry standard for batch, preprocessing and farm sampling of milk
- Permanent hinge lid allows one hand opening and closing

Capitol Vial manufactures three vial sizes that are commonly used in the dairy industry for milk sampling. These popular vials are made from polypropylene resin and are translucent in color for visual inspection.

Part No.	Description	Packaging
02CL	2oz dairy vial	600/case
03CL	3oz dairy vial	400/case
04HP	4oz dairy vial	250/case

### Veterinary Specimen Collection & Transport Vials



- Used commonly for infection control of mastitis
- Collect and transport biopsies and urine and blood samples
- Translucent in color for easy visibility

Capitol Vial offers two different vials that are commonly used for Mastitis Testing and Veterinary applications. These polypropylene vials are manufactured in Class 10,000 cleanrooms to insure sterility of the containers prior to use.

Vet Vial dimensions: ID 10mm, Length 95mm.

Part No.	Description	Packaging
CNLL500	11ml mastitis test vial	500/case
CNLL2000	11ml mastitis test vial	2000/case
VET500	13ml vet vial for biopsies, blood and urine transport	500/case
VET1500	13ml vet vial for biopsies, blood and urine transport	1500/case

