COMPASS LABORATORY SERVICES

MOLECULAR DIAGNOSTIC TEST COLLECTION PROCEDURES



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SAMPLE SUBMISSION

TEST REQUISITION

All samples submitted for testing must be accompanied by a proper test requisition form. Form must be completed and contain the following information

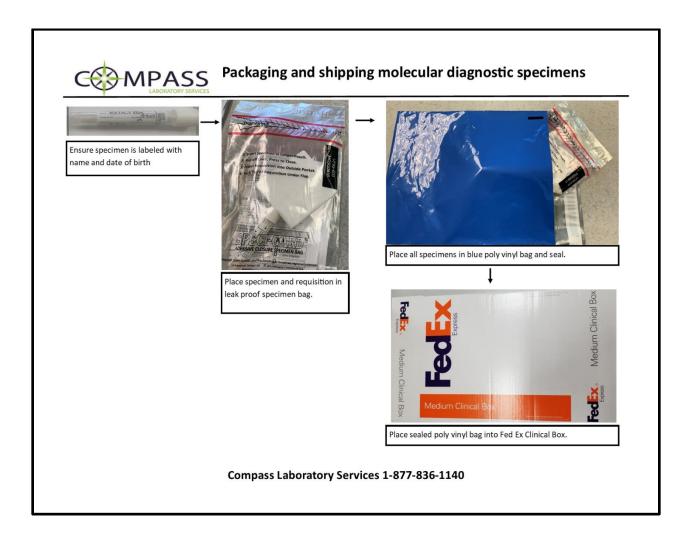
- Full patient name
- Date of birth
- Gender
- Date and time of collection
- Tests requested
- Specimen source
- · Ordering provider
- Insurance information (If possible, please include a copy of the insurance card)
- List of active diagnosis codes in ICD10 format
- Provider signature

SAMPLE REQUIREMENTS

- Collect the appropriate sample type for test requested (See panels for more information)
- Each sample must be accompanied by a properly completed test requisition
- Primary container must be labeled with two positive identifiers that match the requisition
 - o Full name, date of birth, social security number, or unique patient identifier
- Properly packaged in a sealed specimen bag
 - o Ensure that caps are fully seated properly to prevent sample leakage
- Sample must be received within the published stability

SHIPPING MOLECULAR SAMPLES

- All molecular samples must be shipped at ambient temperature to the laboratory in an individual specimen bag with an absorbent sheet. NOTE: See UN3373 shipping instructions for SARS-CoV-2 and other Respiratory Pathogens located on pages 20 & 21.
- Ensure the completed requisition sheet is not in the same compartment as the sample.
- Place all packaged specimens into the blue poly bag for shipment to laboratory. Seal the bag once all specimens are inside and store until pickup and transport to the lab by Fair Logistics.
- If pickup by FedEx, place sealed poly-vinyl bag into a Fed Ex Clinical box and affix supplied shipping label.



COMPASS LABORATORY SERVICES TESTS & PANELS

URINARY TRACT INFECTIONS (UTI)

COLLECTION PROCEDURES

Specimen Type: Urine specimens submitted for suspected urinary tract infection should be collected using midstream, clean catch. Sample stability is 48 hours if sample is collected using a sterile container/cup and 72 hours if transferred to a boric acid stabilized container (gray top tube) or a sodium propionate stabilized container (red-and-yellow speckled top tube) **at time of collection** to ensure specimen integrity.

Volume required: 1.0ml Ship at ambient temperature.

Expected turnaround time is 48 hours from receipt in the laboratory.

- 1. The urine collection kit comes with a sterile cup, gray top tube, and speckled top tube. The speckled tube may also be used for a urinalysis if requested by the provider.
- 2. Once urine specimen is collected, immediately label the urine container(s) with full patient name and date of birth.
- Complete the test requisition form. Ensure all required information is supplied to prevent any possible delays in testing.
- 4. Place the labeled specimen(s) in the provided specimen bag with absorbent sheet.
- 5. Place the completed test requisition in the pocket of the specimen bag.
- 6. Samples should be placed into the blue poly bag for shipment to laboratory.

UTI PANELS

COMMUNITY ACQUIRED UTI

Organisms

- Enterococcus faecalis
- Escherichia coli
- Klebsiella pneumoniae
- Staphylococcus saprophyticus
- Streptococcus agalactiae
- Drug resistance genes panel will be run on positive samples

RECURRENT UTI

Organisms

- Enterococcus faecalis
- Enterococcus faecium
- Escherichia coli
- Klebsiella oxytoca
- Klebsiella pneumoniae
- Proteus mirabilis
- Pseudomonas aeruginosa
- Staphylococcus saprophyticus
- Streptococcus agalactiae
- Drug resistance genes panel will be run on positive samples

COMPLICATED UTI

Organisms

- Enterobacter cloacae
- Enterococcus faecalis
- Enterococcus faecium
- Escherichia coli
- Klebsiella aerogenes
- Klebsiella oxytoca
- Klebsiella pneumoniae
- Proteus mirabilis
- Proteus vulgaris
- Pseudomonas aeruginosa
- Staphylococcus aureus
- Staphylococcus saprophyticus
- Streptococcus agalactiae
- Drug resistance genes panel will be run on positive samples

Compass Laboratory Services

QA file/Collection Procedures

INDIVIDUAL ASSAYS OR CUSTOM PANELS

PROSTATITIS PANEL

This panel is intended for use in men that present with suspected bacterial prostatitis.

COLLECTION PROCEDURE

Sample Type: A swab in UTM or a clean catch urine sample. Sample stability is 48 hours for swab in UTM or urine in sterile container/cup and 72 hours for urine transferred to a boric acid stabilized container (gray top tube) or a sodium propionate stabilized container (red-and-yellow speckled top tube) at time of collection to ensure specimen integrity.

Urine volume required: 1.0ml Ship at ambient temperature.

Expected turnaround time is 48 hours from receipt in the laboratory.

- 1. If collecting urine, the urine collection kit comes with a sterile cup, gray top tube, and speckled top tube. The speckled tube may also be used for a urinalysis if requested by the provider.
- 2. Once swab or urine specimen is collected in sterile cup and or transferred to gray top tube and/or speckled top tube, immediately label the container(s) with full patient name and date of birth.
- 3. Complete the test requisition form. Ensure all required information is supplied to prevent any possible delays in testing.
- 4. Place the labeled specimen(s) in the provided specimen bag with absorbent sheet.
- 5. Place the completed test requisition in the pocket of the specimen bag.
- 6. Samples should be placed into the blue poly bag for shipment to laboratory.

PROSTATITIS PANEL

Organisms:

- Chlamydia trachomatis
- Enterococcus faecalis
- Enterococcus faecium
- Escherichia coli
- Klebsiella oxytoca
- Klebsiella pneumoniae
- Mycoplasma hominis
- Neisseria gonorrhoeae
- Pseudomonas aeruginosa
- Serratia marcescens
- Ureaplasma urealyticum
- Drug resistance genes panel will be run on positive samples

INDIVIDUAL ASSAYS OR CUSTOM PANELS

WOUND/ SKIN/ SOFT TISSUE INFECTION PANEL

COLLECTION PROCEDURE

Sample Type: Swab or tissue from suspected infection site shipped in UTM or tissue in a sterile container. Stability is 7 days in UTM or 48 hours in a sterile container.

Ship at ambient temperature. Expected turnaround time is 48 hours from receipt in the laboratory.

- 1. After collection from suspected infection site, place swab into the supplied transport tube and snap off the excess swab at the scored break point. Be careful not to contaminate the lower portion of the swab. If contamination is suspected, please recollect. Secure the cap onto the tube but do not over tighten. Over tightening of the swab cap may lead to sample leakage and rejection.
- 2. If tissue is collected, place into sterile container.
- 3. Immediately label the container(s) with full patient name and date of birth.
- 4. Complete the test requisition form. Ensure all required information is supplied to prevent any possible delays in testing.
- 5. Place the labeled specimen(s) in the provided specimen bag with absorbent sheet.
- 6. Place the completed test requisition in the pocket of the specimen bag.
- 7. Samples should be placed into the blue poly bag for shipment to laboratory.

WOUND/ SKIN/ SOFT TISSUE PANEL

Organisms:

- Acinetobacter baumanii
- Bacteroides fragilis
- Candida albicans
- Corynebacterium striatum
- Enterococcus faecalis
- Enterococcus faecium
- Escherichia coli
- Klebsiella pneumoniae
- Morganella morganii
- Pseudomonas aeruginosa
- Serratia marcescens
- Staphylococcus aureus
- Staphylococcus epidermidis
- Streptococcus agalactiae
- Streptococcus dysgalactiae
- Streptococcus pyogenes
- Drug resistance genes panel will be run on positive samples

INDIVIDUAL ASSAYS OR CUSTOM PANELS

SEXUALLY TRANSMITTED INFECTIONS (STI)

COLLECTION PROCEDURES

Sample Types: Swab in UTM or urine (non-clean catch). Sample stability is *7 days* for a swab in UTM. For urine, stability is *48 hours* in a sterile container or *72 hours* in boric acid stabilized container) or a sodium propionate stabilized container (red-and-yellow speckled top tube). **Ship at ambient temperature.** Expected turnaround time is 48 hours from receipt in the laboratory.

Collection Instructions:

- 1. If collecting urine, the urine collection kit comes with a sterile cup, gray top tube, and speckled top tube. The speckled tube may also be used for a urinalysis if requested by the provider.
- 2. Once swab or urine specimen is collected in sterile cup and/or transferred to gray top tube and/or speckled top tube, immediately label the container(s) with full patient name and date of birth.
- 3. Complete the test requisition form. Ensure all required information is supplied to prevent any possible delays in testing.
- 4. Place the labeled specimen(s) in the provided specimen bag with absorbent sheet.
- 5. Place the completed test requisition in the pocket of the specimen bag.
- 6. Samples should be placed into the blue poly bag for shipment to laboratory.

SEXUALLY TRANSMITTED INFECTIONS

- Chlamydia trachomatis
- Mycoplasma genitalium
- Mycoplasma hominis
- Neisseria gonorrhoeae
- Treponema pallidum
- Trichomonas vaginalis
- Ureaplasma urealyticum
- Drug resistance genes panel will be run on positive samples

INDIVIDUAL ASSAYS OR CUSTOM PANELS

Providers can always order desired assays individually or design a custom panel based upon their needs. Ordering provider is responsible for ensuring that the appropriate testing panel or individual tests are medically needed for their patients.

Compass Laboratory Services

QA file/Collection Procedures

FUNGAL PANEL

Fungal Panel Collection Instructions

Sample Type: Swab or nail clippings from suspected infection site. Ship swabs in UTM. Ship nail clippings in sterile container or bag.

Stability is 7 days.

Ship at ambient temperature. Expected turnaround time is 72 hours from receipt in the laboratory.

- 1. Swab place swab into the supplied transport tube and snap off the excess swab at the scored break point. Be careful not to contaminate the lower portion of the swab. If contamination is suspected, please recollect. Secure the cap onto the tube but do not over tighten. Over tightening of the swab cap may lead to sample leakage and rejection.
- 2. Nail clippings add clippings to bag or to sterile container and seal tightly.
- 3. Immediately label the container(s) with full patient name and date of birth.
- 4. Complete the test requisition form. Ensure all required information is supplied to prevent any possible delays in testing.
- 5. Place the labeled specimen(s) in the provided specimen bag with absorbent sheet.
- 6. Place the completed test requisition in the pocket of the specimen bag.
- 7. Samples should be placed into the blue poly bag for shipment to laboratory.

FUNGAL ORGANISMS

- Aspergillus fumigatus
- Aspergillus niger
- Aspergillus terreus
- Candida albicans
- Epidermophyton floccosum
- Fusarium solani
- Trichophyton interdigitale
- Trichophyton rubrum
- Trichophyton violaceum

INDIVIDUAL ASSAYS OR CUSTOM PANELS

SEPTIC ARTHRITIS/ JOINT FLUID PATHOGEN PANEL

Sample Types: Joint fluid placed into a sterile, nuclease free collection tube. Sample stability is *48 hours* from collection.

Ship at ambient temperature.

Expected turnaround time is 48 hours from receipt in the laboratory.

Collection Instructions:

- 1. Once specimen is collected and placed into a sterile, nuclease free collection tube, label the container with full patient name and date of birth.
- 2. Complete the test requisition form. Ensure all required information is supplied to prevent any possible delays in testing.
- 3. Place the labeled specimen in the provided specimen bag with absorbent sheet.
- 4. Place the completed test requisition in the pocket of the specimen bag.
- 5. Samples should be placed into the blue poly bag for shipment to laboratory.

TEST PANELS

JOINT INFECTIONS

- Enterococcus faecalis
- Enterococcus faecium
- Escherichia coli
- Pseudomonas aeruginosa
- Streptococcus agalactiae
- Staphylococcus aureus
- Staphylococcus epidermidis
- Staphylococcus saprophyticus
- Drug resistance genes panel will be run on positive samples

INDIVIDUAL ASSAYS OR CUSTOM PANELS

SARS-COV-2 & OTHER RESPIRATORY PATHOGENS

Sample Type: NP swab in UTM. Note: an anterior nares swab may be used for SARS-CoV-2 only.

Stability is 7 days for SARS-CoV-2 only. All other respiratory tests are 72 hours

Ship at ambient temperature. Expected turnaround time is 48 hours from receipt in the laboratory.

Nasopharyngeal Collection Instructions

- 1. Wash hands prior to collecting the sample.
- 2. Wear personal protective equipment as required
- 3. Collect the NP swab
 - a. Open the Swab kit while ensuring sterility of swab.
 - b. Insert the swab into the nostril as far as you can. If you meet resistance, do not push through as you may cause damage to nasal mucosa.
 - c. Once inserted fully, hold in place for three seconds then slowly rotate for five seconds.
 - d. Withdraw the swab and place into the tube with media. Break at the break point.
 - e. Ensure that you do not contaminate the swab while placing into the transport medium.
 - f. Close the lid but do not overtighten. Overtightening of the transport medium may increase chance of specimen leak out. Specimens that leak out will not be processed



Figure 1: Location of swab placement into nasopharynx

- 4. Once specimen is collected, label the container with full patient name and date of birth.
- 5. Complete the test requisition form. Ensure all required information is supplied to prevent any possible delays in testing.
- 6. Place the labeled specimen in the provided specimen bag with absorbent sheet.
- 7. Place the completed test requisition in the pocket of the specimen bag.
- 8. Samples should be placed into the blue poly bag for shipment to laboratory.
- 9. Call 901-348-5774 with any questions.
- 10. Stability is 7 days in UTM for SARS-CoV-2. Stability is 72 hours for all other respiratory testing. **Ship at ambient temperature.**

Anterior Nares Collection Instructions – alternate collection for SARS-CoV-2 only

- 1. Wash hands prior to collecting the sample.
- 2. Wear personal protective equipment as required
- 3. Collect the anterior nares swab
 - a. Open the Swab kit while ensuring sterility of swab.
 - b. Insert the swab into the nostril approximately ¾ inch. If you meet resistance, do not push through as you may cause damage to nasal mucosa.
 - c. Once inserted, hold in place for three seconds then slowly rotate for five seconds.
 - d. Withdraw the swab and repeat the process in the other nostril. After completion of both nostrils, place into the tube with media. Break at the break point.
 - e. Ensure that you do not contaminate the swab while placing into the transport medium.
 - f. Close the lid but do not overtighten. Overtightening of the transport medium may increase chance of specimen leak out. Specimens that leak out will not be processed
- 4. Once specimen is collected, label the container with full patient name and date of birth.
- 5. Complete the test requisition form. Ensure all required information is supplied to prevent any possible delays in testing.
- 6. Place the labeled specimen in the provided specimen bag with absorbent sheet.
- 7. Place the completed test requisition in the pocket of the specimen bag.
- 8. Samples should be placed into the blue poly bag for shipment to laboratory.
- 9. Stability is 7 days in UTM. Ship at ambient temperature.
- 10. Expected turnaround time is 48 hours from receipt in the laboratory.

TEST PANELS

RESPIRATORY VIRUS PANEL

- SARS CoV2
- Influenza A
- Influenza B
- Respiratory Syncytial Virus (RSV)

INFLUENZA PANEL

• Influenza A and B

RESPIRATORY BACTERIA PANEL

- Bordetella pertussis
- Bordetella parapertussis
- Haemophilus influenzae
- Klebsiella pneumoniae
- Moraxella catarrhalis
- Mycoplasma pneumoniae
- Streptococcus pneumoniae
- Streptococcus pyogenes

EXPANDED RESPIRATORY PANEL

- RSV
- Influenza (A, B, C, A/H3, A/H1-2009)
- Coronavirus (OC43, 229E, NL63, HKU1)
- Human Enterovirus D68 only, Adenovirus Type 3 only, Parechovirus, Bocavirus, Rhinovirus, and Metapneumonia virus
- Respiratory Bacteria Panel

INDIVIDUAL ASSAYS OR CUSTOM PANELS

Providers can always order desired assays individually or design a custom panel based upon their needs. Ordering provider is responsible for ensuring that the appropriate testing panel or individual tests are medically needed for their patients.

Compass Laboratory Services

QA file/Collection Procedures

HUMAN PAPILLOMA VIRUS (HPV)

Sample Type: Swab in UTM or ThinPrep PreservCyt media

Sample stability is 7 days.

Ship at ambient temperature.

Expected turnaround time is 48 hours from receipt in the laboratory.

Collection Instructions:

- 1. Once swab is collected, immediately label the container(s) with full patient name and date of birth.
- 2. Complete the test requisition form. Ensure all required information is supplied to prevent any possible delays in testing.
- 3. Place the labeled specimen(s) in the provided specimen bag with absorbent sheet.
- 4. Place the completed test requisition in the pocket of the specimen bag.
- 5. Samples should be placed into the blue poly bag for shipment to laboratory.

TESTS

HUMAN PAPILLOMA VIRUS

- HPV 16
- HPV 18
- Other high risk HPV subtypes

VAGINOSIS/ VAGINITIS

COLLECTION PROCEDURES

Sample Type: Vaginal swab in UTM

Sample stability is 72 hours.

Ship at ambient temperature.

Expected turnaround time is 48 hours from receipt in the laboratory.

Collection Instructions:

- 1. Once specimen is collected, label the container with full patient name and date of birth.
- 2. Complete the test requisition form. Ensure all required information is supplied to prevent any possible delays in testing.
- 3. Place the labeled specimen in the provided specimen bag with absorbent sheet.
- 4. Place the completed test requisition in the pocket of the specimen bag.
- 5. Samples should be placed into the blue poly bag for shipment to laboratory.

TEST PANELS

AEROBIC VAGINITIS

- Enterococcus faecalis
- Enterococcus faecium
- Escherichia coli
- Staphylococcus aureus
- Streptococcus agalactiae
- Drug resistance genes panel will be run on positive samples

BACTERIAL VAGINOSIS

- Atopobium vaginae
- Bacteroides fragilis
- Gardnerella vaginalis
- Mobiluncus curtisii
- Mobiluncus mulieris
- Prevotella bivia
- Drug resistance genes panel will be run on positive samples

Compass Laboratory Services

QA file/Collection Procedures

LACTOBACILLUS PROFILE

- Lactobacillus crispatus
- Lactobacillus iners
- Lactobacillus jensenii

YEAST PROFILE

- Candida albicans
- Candida glabrata
- Candida krusei
- Candida parapsilosis
- Candida tropicalis

INDIVIDUAL ASSAYS OR CUSTOM PANELS

HERPES SIMPLEX VIRUS (HSV) TESTING/VARICELLA ZOSTER (VZV) TESTING

Sample Type: Swab of lesion in UTM

Sample stability is 72 hours.

Ship at ambient temperature.

Expected turnaround time is 48 hours from receipt in the laboratory.

Collection Instructions:

- 1. Collect swab and insert into the universal transport medium, snap off the excess shaft of the swab at break point.
- 2. Do not over-tighten the cap as specimen leakage may occur.
- 3. Ensure that the specimen container is labeled with two patient identifiers that match the requisition form.
- 4. Place the labeled specimen in provided biohazard bag with absorbent sheet.
- 5. Place completed sample requisition form along with demographic information in pocket of specimen bag
- 6. Specimens should be shipped without delay. Specimens received after 72 hours after collection will be rejected.

TESTS

HERPES SIMPLEX VIRUS

- Herpes Simplex Virus I
- Herpes Simplex Virus II

VZV

Varicella Zoster Virus

INDIVIDUAL ASSAYS OR CUSTOM PANELS

Providers can always order desired assays individually or design a custom panel based upon their needs. Ordering provider is responsible for ensuring that the appropriate testing panel or individual tests are medically needed for their patients.

Compass Laboratory Services

QA file/Collection Procedures

OPHTHALMOLOGY PANEL

Sample Type: Swab of eye surface in UTM

Sample stability is 72 hours.

Ship at ambient temperature.

Expected turnaround time is 48 hours from receipt in the laboratory.

Collection Instructions:

- 1. Using provided sterile swab, collect fluid and swab surface of eye to collect cellular material where infectious material is at its highest concentration.
- 2. Place swab into UTM container and screw cap on container.
- 3. Ensure that the specimen container is labeled with two patient identifiers that match the requisition form.
- 4. Place the labeled specimen in provided biohazard bag with absorbent sheet.
- 5. Place completed sample requisition form along with demographic information in pocket of specimen bag
- 6. Specimens should be shipped without delay. Specimens received after 72 hours after collection will be rejected.

TESTS

EYE INFECTION PANEL

- Chlamydia trachomatis
- Haemophilus influenzae
- Klebsiella pneumoniae
- Neisseria gonorrhoeae
- Pseudomonas aeruginosa
- Staphylococcus aureus
- Streptococcus pneumoniae
- Drug resistance genes panel will be run on positive samples

EXPANDED EYE PANEL - BACTERIA (EYEBAC)

- Chlamydia trachomatis
- Enterococcus faecalis
- Enterococcus faecium
- Escherichia coli
- Haemophilus influenzae
- Klebsiella pneumoniae
- Mycoplasma genitalium
- Mycoplasma hominis
- Mycoplasma pneumoniae
- Neisseria gonorrhoeae

Compass Laboratory Services

QA file/Collection Procedures

- Proteus mirabilis
- Pseudomonas aeruginosa
- Serratia marcescens
- Staphylococcus aureus
- Streptococcus pneumoniae
- Streptococcus pyogenes
- Drug resistance genes panel will be run on positive samples

EXPANDED EYE PANEL – FUNGUS (EYEFNG)

- Aspergillus fumigatus
- Aspergillus niger
- Aspergillus terreus
- Candida albicans
- Fusarium solani

INDIVIDUAL ASSAYS OR CUSTOM PANELS

Clinical Samples, Biological Substance Category B (UN3373) Shipping Instructions

After collecting the sample, ensure the cap is securely tightened on the leakproof tube. Place the tube and
absorbent material into the specimen bag, pull off the liner, and press to seal. Use the patient name on the
requisition to fill out the attached itemized list of samples. Neatly fold and insert the requisition paperwork into
the outside pocket. Ensure requisition is tucked under flap. Please reference picture sequence below for
details.











Once sealed, place the specimen bag and its contents into the FedEx UN3373 Pak. You may insert multiple
specimen bags and tubes into one FedEx UN3373 Pak. Once all samples are in the FedEx UN3373 Pak, remove
the adhesive strip and securely seal the FedEx UN3373 Pak. Please reference picture sequence below for
details.







 Place the sealed FedEx UN3373 Pak inside the FedEx Medium Clinical Box. Fill out and insert the attached itemized list of contents into the FedEx Medium Clinical Box. Remove the adhesive strip and securely seal the FedEx Medium Clinical Box as shown in the picture sequence below.











4. On the outside of the package you must include the name and address of the shipper and of the receiver. You must also include the name and telephone number of a person responsible for the shipment. Proper packaging is the shipper's responsibility. Please reference IATA packing instruction 650 for further guidance.

Itemized List of Contents

This list must be placed between the FedEx UN3373 Pak and the FedEx Medium Clinical Box. Please fill out the itemized list of patient samples below. You must include this list of samples to ensure the receiver can reconcile the shipment. You may also print out an itemized list of samples to serve as the shipment manifest.

Date/Initials: _____ Account Number: _____

List Patient Names Below:		
1	21	
2	22	
3	23	
4	24	
5	25	
6	26	
7	27	
8	28	
9	29	
10	30	
11	31	
12	32	
13	33	
14	34	
15	35	
16	36	
17	37	
18	38	
19	39	
20	40	

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Drop-off Options

- Go to https://www.fedex.com/locate/ (see below) or call 1-800-GoFedEx to find the nearest FedEx Ship Center or Drop Box location.
- Place UN 3373 shipments in on-site Drop Boxes.
- FedEx Office Stores without Drop Boxes must accept UN3373 shipments over the counter.

