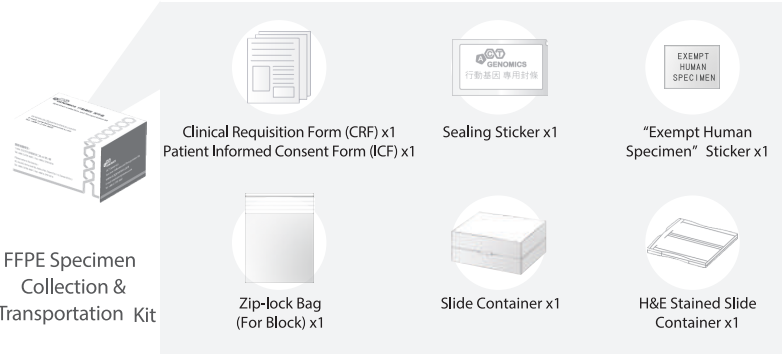
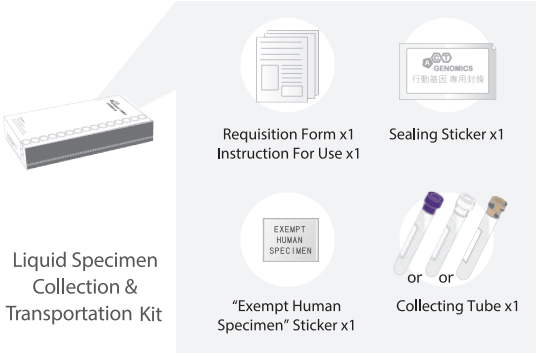


## KIT COMPONENTS



**FFPE Specimen Collection & Transportation Kit**

- Clinical Requisition Form (CRF) x1
- Patient Informed Consent Form (ICF) x1
- Sealing Sticker x1
- “Exempt Human Specimen” Sticker x1
- Zip-lock Bag (For Block) x1
- Slide Container x1
- H&E Stained Slide Container x1



**Liquid Specimen Collection & Transportation Kit**

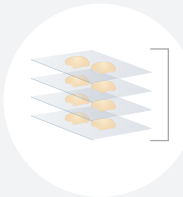
- Requisition Form x1
- Instruction For Use x1
- Sealing Sticker x1
- “Exempt Human Specimen” Sticker x1
- Collecting Tube x1

\*1 or 2 collecting tubes will be provided as testing needed.

## SPECIMEN PREPARATION

### FFPE Slides

1



total surface area:  
≥ 125 mm<sup>2</sup>

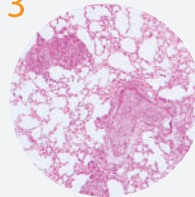
- Please provide 5-20 consecutive unstained FFPE sections at 5 μm-thick, on glass slides.
- The total surface area of the sections combined should be ≥ 125 mm<sup>2</sup>

2



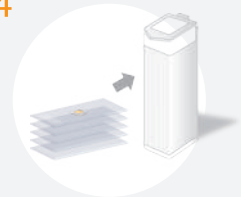
- Please provide 1 H&E stained slide at 5 μm-thick.

3



- ≥ 10% of malignant tumor content is required.
- ≥ 30% of malignant tumor content is required. (Only in ACT<sup>Onco</sup>+, ACT<sup>HRD</sup>, ACT<sup>BRCA</sup>)

4



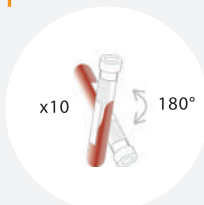
- Each FFPE slide must be properly labeled and placed in the slide container.
- The H&E stained slide should be placed in the provided container.

### Liquid Specimen Collection

#### Precautions:

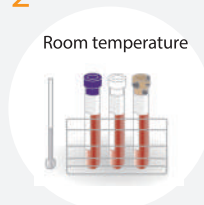
- Prevention of backflow – Since the collecting tube contains chemical additives, it is important to avoid possible backflow from the tube.

1








- After collecting blood or CSF, immediately mix the fluids by gently inverting the tube 10 times.

2



- After collection, store the collecting tube at room temperature.
- Before shipment, place the collecting tube in the transparent protection tube and deliver the sample to ACT Genomics within 4 days.

## SPECIMEN REQUIREMENTS

	ACT Onco <sup>®</sup> + ACT Lung <sup>™</sup>	ACT Drug <sup>®</sup> + ACT HRD <sup>™</sup>	ACT Fusion <sup>™</sup> ACT BRCA <sup>®</sup> <small>(Tissue)</small>	ACT Cerebra <sup>™</sup>	ACT BRCA <sup>®</sup> <small>(Blood)</small>	ACT Monitor <sup>®</sup> +	ACT Risk <sup>™</sup>
Shipping Conditions	Please send tumor tissue at room temperature			Please provide liquid biopsy at room temperature with in 4 days			
Specimen Requirements	<p> Tumor Tissue</p> <p>FFPE(formalin-fixed paraffin-embedded)</p> <ul style="list-style-type: none"> <li>• 5-20 unstained sections (5 μm / slide) with a total surface area ≥ 125 mm<sup>2</sup></li> <li>• 1 H&amp;E stained slide (5 μm)</li> <li>* Cell block from pleural effusion, ascites or pericardial hydrops (≥1x10<sup>6</sup> cells) (Only in ACT Onco<sup>®</sup> +, ACT Drug<sup>®</sup> +, ACT Fusion<sup>™</sup>)</li> </ul>			<p> Liquid</p> <p>CSF</p> <ul style="list-style-type: none"> <li>• 4-8 ml CSF in collecting tube (Streck or Roche)</li> </ul>	<p> Liquid</p> <p>Blood</p> <ul style="list-style-type: none"> <li>• 4-8ml blood in EDTA collecting tube</li> </ul>	<p> Liquid</p> <p>Blood</p> <ul style="list-style-type: none"> <li>• 8ml whole blood x 2 tubes (Streck or Roche)</li> </ul>	<p> Liquid</p> <p>Blood</p> <ul style="list-style-type: none"> <li>• 4-8ml blood in EDTA collecting tube</li> </ul>

It is possible that the test may return with no abnormal mutation identified for certain genes or part of the test results may not be available due to the technical limitations of the test itself and/or an individual's genetic differences and/or intra- or inter-tumoral heterogeneity even the test has been conducted under standard process. This material judgement. This material (including the test and the results) shall at no time be deemed a diagnostic or medical treatment recommendation to any individual. No representation, warranty, express or implied, is made as to, and no reliance should be placed on the fairness, accuracy, completeness or correctness of the information or opinions which may be contained herein. The test takers shall always consult their healthcare professionals for any enquiries of clinical interpretation of the test results.

## SHIPPING INSTRUCTIONS



### Step 1

#### Specimen Preparation

Make sure the specimen meets the requirements before sending the collection kit. For more information, please refer to the SPECIMEN PREPARATION and SPECIMEN REQUIREMENTS sections.



### Step 2

#### Complete Clinical Requisition Form

- Hard-copy of the requisition form is provided in the collection kit, and it's also downloadable from our website [www.actgenomics.com/en/downloads/](http://www.actgenomics.com/en/downloads/)
- Complete all the required information.
- Include the hard-copy clinical requisition form, signed ICF and previous molecular diagnostic records (optional) in the sample collection kit.



### Step 3

#### Final Check

Please ensure all essential items are placed in the collection kit:

- Requisition form
- Signed ICF
- Specimens
- H&E stained slide (not required for liquid biopsy)
- Previous molecular diagnostic records (optional)



### Step 4

#### Pack and Call the Courier

- Use the sealing sticker to seal and pack the kit into the shipping bag.
- The "Exempt Human Specimen" sticker should be attached to the shipping bag.
- Notify your local courier or ACT Genomics representative to pick up the package.
- Store and deliver specimen in room temperature (Suggested as 25°C)