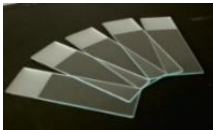
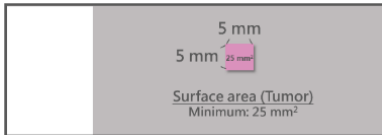









## Specimen Collection and Transportation Requirement

### Precision Medicine Genetic Testing

Test Item	➤ SOFIVA HRD Testing			
Specimen	Container	Requirement		Note
Slide Glass		<ul style="list-style-type: none"> <li>✓ Sample volume: 20 tissue slides</li> <li>✓ Each tissue slide requires size of 25 mm<sup>2</sup> and 5 μm in thickness.</li> <li>✓ tumor tissue requires &gt;30% of total volume.</li> <li>✓ Store and transport: 15~25°C</li> </ul>		<ul style="list-style-type: none"> <li>✓ Store specimen slide in slide box and place slide box into bubble bag for transportation.</li> <li>✓ If the paraffin-embedded tissue is pleural fluid, ascites or urine sample, it can also be tested.</li> <li>✓ The minimum tumor size is shown in the diagram below:</li> </ul>
				 <ul style="list-style-type: none"> <li>✓ It is recommended to provide one H&amp;E stained slide at the same time to confirm the proportion of cancer tissue.</li> </ul> 
FFPE and Blood (Both required)				
EDTA Collection Tube (Purple)		<ul style="list-style-type: none"> <li>✓ Sample volume: 3~5 ml of peripheral blood</li> <li>✓ Store and transport: 2~8°C</li> </ul>		<ul style="list-style-type: none"> <li>✓ Gently invert the tube 10 times immediately after collection to ensure proper mixing with the anticoagulant.</li> <li>✓ Place collection tube into dedicated box for transportation.</li> <li>✓ If there is blood transfusion, blood should be drawn after more than three months. If there is bone marrow transplant, please use 5 buccal swabs for examination.</li> </ul>





## Specimen Collection and Transportation Requirement

### Precision Medicine Genetic Testing

<p>FFPE and Blood (Both required)</p>	<p>Embedding Cassette</p> 	<ul style="list-style-type: none"> <li>✓ Sample volume: 1 tumor block</li> <li>✓ Each tumor block requires size of 25 mm<sup>2</sup>, 150 µm in thickness</li> <li>✓ Store and transport: 15~25°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Place sample tube into zipper bag for transportation.</li> <li>✓ If the paraffin-embedded tissue is pleural fluid, ascites or urine sample, it can also be tested.</li> <li>✓ It is recommended to provide one H&amp;E stained slide at the same time to confirm the proportion of cancer tissue.</li> </ul> 
	<p>EDTA Collection Tube (Purple)</p> 	<ul style="list-style-type: none"> <li>✓ Sample volume: 3~5 ml of peripheral blood</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Gently invert the tube 10 times immediately after collection to ensure proper mixing with the anticoagulant.</li> <li>✓ Place collection tube into dedicated box for transportation.</li> <li>✓ If there is blood transfusion, blood should be drawn after more than three months. If there is bone marrow transplant, please use 5 buccal swabs for examination.</li> </ul>
	<p>50 ml Sterile Centrifuge tube</p> 	<ul style="list-style-type: none"> <li>✓ Sample volume: &gt;15 ml</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ The specimen is made into a cell block and then processed testing.</li> <li>✓ Close the cap tightly and seal with parafilm.</li> </ul>
<p>Pleural Fluid and Blood (Both required)</p>	<p>EDTA Collection Tube (Purple)</p> 	<ul style="list-style-type: none"> <li>✓ Sample volume: 3~5 ml of peripheral blood</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Gently invert the tube 10 times immediately after collection to ensure proper mixing with the anticoagulant.</li> <li>✓ Place collection tube into dedicated box for transportation.</li> <li>✓ If there is blood transfusion, blood should be drawn after more than three months. If there is bone marrow transplant, please use 5 buccal swabs for examination.</li> </ul>

## Specimen Collection and Transportation Requirement

### Precision Medicine Genetic Testing

Ascites and Blood (Both required)	50 ml Sterile Centrifuge tube		<ul style="list-style-type: none"> <li>✓ Sample volume: &gt;15 ml</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ The specimen is made into a cell block and then processed testing.</li> <li>✓ Close the cap tightly and seal with parafilm.</li> </ul>
	EDTA Collection Tube (Purple)		<ul style="list-style-type: none"> <li>✓ Sample volume: 3~5 ml of peripheral blood</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Gently invert the tube 10 times immediately after collection to ensure proper mixing with the anticoagulant.</li> <li>✓ Place collection tube into dedicated box for transportation.</li> <li>✓ If there is blood transfusion, blood should be drawn after more than three months. If there is bone marrow transplant, please use 5 buccal swabs for examination.</li> </ul>
Urine and Blood (Both required)	50 ml Sterile Centrifuge tube		<ul style="list-style-type: none"> <li>✓ Sample volume: &gt;100 ml, the first morning urine</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ The specimen is made into a cell block and then processed testing.</li> <li>✓ Close the cap tightly and seal with parafilm.</li> <li>✓ Urothelial carcinoma only.</li> </ul>
	EDTA Collection Tube (Purple)		<ul style="list-style-type: none"> <li>✓ Sample volume: 3~5 ml of peripheral blood</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Gently invert the tube 10 times immediately after collection to ensure proper mixing with the anticoagulant.</li> <li>✓ Place collection tube into dedicated box for transportation.</li> <li>✓ If there is blood transfusion, blood should be drawn after more than three months. If there is bone marrow transplant, please use 5 buccal swabs for examination.</li> </ul>

## Specimen Collection and Transportation Requirement

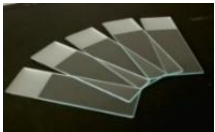
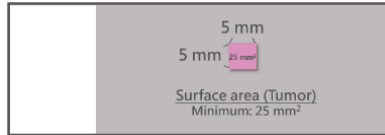

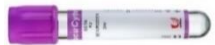
### Precision Medicine Genetic Testing

#### Information

1. Turnaround time: 10 working days (NOT including slide checking by Pathologist about 3 working days)
2. Documents to be attached when submitting for testing
  - ✓ Consent form: SOFIVA Precision Medicine Genetic Testing Consent Form
  - ✓ Other: Pathology report
3. Each specimen requires to be labeled with patient' s information sticker and completed consent form. Please deliver to Sofiva Genomics within 3 days after sampling.
4. Whether it is possible to increase the testing or re-testing: ☐No ☒Yes; the rest of the items need to be submitted within one month, and someone shall confirm with the laboratory whether the remaining samples are sufficient and fill in the consent form for the test items.
5. One month after the completing the test, the remaining specimen will be discarded without notice. If need to modify the submitter's information, please submit it within six months after the completion of the report. Overdue submissions will not be accepted.
6. The personal data of the subject is only used for the relevant test process; unless the subject agrees, it shall not be used for other unrelated purposes to protect personal privacy.
7. If you have any questions about the test, please contact with Sofiva Genomics Medical Laboratory; the business hours are from Monday to Friday, 08:30~17:30; the phone number is +886-2-2382-6663.

## Specimen Collection and Transportation Requirement

### Precision Medicine Genetic Testing

➤ <b>SOFIVA CGP</b>			
Test Item	Container	Requirement	Note
Slide Glass          FFPE and Blood (Both required)	Slide Glass 	<ul style="list-style-type: none"> <li>✓ Sample volume: 10 tissue slides</li> <li>✓ Each tissue slide requires size of 25 mm<sup>2</sup> and 5 μm in thickness.</li> <li>✓ tumor tissue requires &gt;30% of total volume.</li> <li>✓ Store and transport: 15~25°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Store specimen slide in slide box and place slide box into bubble bag for transportation.</li> <li>✓ If the paraffin-embedded tissue is pleural fluid, ascites or urine sample, it can also be tested.</li> <li>✓ The minimum tumor size is shown in the diagram below:   </li> <li>✓ It is recommended to provide one H&amp;E stained slide at the same time to confirm the proportion of cancer tissue.   </li> </ul>
	EDTA Collection Tube (Purple) 	<ul style="list-style-type: none"> <li>✓ Sample volume: 3~5 ml of peripheral blood</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Gently invert the tube 10 times immediately after collection to ensure proper mixing with the anticoagulant.</li> <li>✓ Place collection tube into dedicated box for transportation.</li> <li>✓ If there is blood transfusion, blood should be drawn after more than three months. If there is bone marrow transplant, please use 5 buccal swabs for examination.</li> </ul>

## Specimen Collection and Transportation Requirement

### Precision Medicine Genetic Testing

Embedding  
Cassette



- ✓ Sample volume: 1 tumor block
- ✓ Each tumor block requires size of 25 mm<sup>2</sup>, 150 µm in thickness
- ✓ Store and transport: 15~25°C

- ✓ Place sample tube into zipper bag for transportation.
- ✓ If the paraffin-embedded tissue is pleural fluid, ascites or urine sample, it can also be tested.
- ✓ It is recommended to provide one H&E stained slide at the same time to confirm the proportion of cancer tissue.



FFPE and Blood  
(Both required)

EDTA  
Collection Tube  
(Purple)



- ✓ Sample volume: 3~5 ml of peripheral blood
- ✓ Store and transport: 2~8°C

- ✓ Gently invert the tube 10 times immediately after collection to ensure proper mixing with the anticoagulant.
- ✓ Place collection tube into dedicated box for transportation.
- ✓ If there is blood transfusion, blood should be drawn after more than three months. If there is bone marrow transplant, please use 5 buccal swabs for examination.



## Specimen Collection and Transportation Requirement

### Precision Medicine Genetic Testing

Pleural Fluid and Blood (Both required)	50 ml Sterile Centrifuge tube		<ul style="list-style-type: none"> <li>✓ Sample volume: &gt;15 ml</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ The specimen is made into a cell block and then processed testing.</li> <li>✓ Close the cap tightly and seal with parafilm.</li> </ul>
	EDTA Collection Tube (Purple)		<ul style="list-style-type: none"> <li>✓ Sample volume: 3~5 ml of peripheral blood</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Gently invert the tube 10 times immediately after collection to ensure proper mixing with the anticoagulant.</li> <li>✓ Place collection tube into dedicated box for transportation.</li> <li>✓ If there is blood transfusion, blood should be drawn after more than three months. If there is bone marrow transplant, please use 5 buccal swabs for examination.</li> </ul>
Ascites and Blood (Both required)	50 ml Sterile Centrifuge tube		<ul style="list-style-type: none"> <li>✓ Sample volume: &gt;15 ml</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ The specimen is made into a cell block and then processed testing.</li> <li>✓ Close the cap tightly and seal with parafilm.</li> </ul>
	EDTA Collection Tube (Purple)		<ul style="list-style-type: none"> <li>✓ Sample volume: 3~5 ml of peripheral blood</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Gently invert the tube 10 times immediately after collection to ensure proper mixing with the anticoagulant.</li> <li>✓ Place collection tube into dedicated box for transportation.</li> <li>✓ If there is blood transfusion, blood should be drawn after more than three months. If there is bone marrow transplant, please use 5 buccal swabs for examination.</li> </ul>

## Specimen Collection and Transportation Requirement

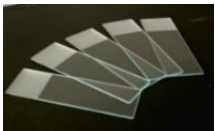
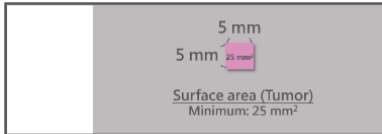


### Precision Medicine Genetic Testing

Urine and Blood (Both required)	50 ml Sterile Centrifuge tube		<ul style="list-style-type: none"> <li>✓ Sample volume: &gt;100 ml, the first morning urine</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ The specimen is made into a cell block and then processed testing.</li> <li>✓ Close the cap tightly and seal with parafilm.</li> <li>✓ Urothelial carcinoma only.</li> </ul>
	EDTA Collection Tube (Purple)		<ul style="list-style-type: none"> <li>✓ Sample volume: 3~5 ml of peripheral blood</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Gently invert the tube 10 times immediately after collection to ensure proper mixing with the anticoagulant.</li> <li>✓ Place collection tube into dedicated box for transportation.</li> <li>✓ If there is blood transfusion, blood should be drawn after more than three months. If there is bone marrow transplant, please use 5 buccal swabs for examination.</li> </ul>
Information	<ol style="list-style-type: none"> <li>Turnaround time: 10 working days (NOT including slide checking by Pathologist about 3 working days)</li> <li>Documents to be attached when submitting for testing <ul style="list-style-type: none"> <li>✓ Consent form: SOFIVA CGP (Comprehensive Genomic Profiling) Consent Form</li> <li>✓ Other: Pathology report</li> </ul> </li> <li>Each specimen requires to be labeled with patient's information sticker and completed consent form. Please deliver to Sofiva Genomics within 3 days after sampling.</li> <li>Whether it is possible to increase the testing or re-testing: <input type="checkbox"/>No <input checked="" type="checkbox"/>Yes; the rest of the items need to be submitted within one month, and someone shall confirm with the laboratory whether the remaining samples are sufficient and fill in the consent form for the test items.</li> <li>One month after the completing the test, the remaining specimen will be discarded without notice. If need to modify the submitter's information, please submit it within six months after the completion of the report. Overdue submissions will not be accepted.</li> <li>The personal data of the subject is only used for the relevant test process; unless the subject agrees, it shall not be used for other unrelated purposes to protect personal privacy.</li> <li>If you have any questions about the test, please contact with Sofiva Genomics Medical Laboratory; the business hours are from Monday to Friday, 08:30~17:30; the phone number is +886-2-2382-6663.</li> </ol>			



# Specimen Collection and Transportation Requirement

## Precision Medicine Genetic Testing

Test Item	➤ Prostate Cancer Genetic Test ➤ Endometrial Cancer Genetic Subtypes			
Specimen	Container	Requirement	Note	
Slide Glass          FFPE and Blood (Both required)	Slide Glass 	<ul style="list-style-type: none"> <li>✓ Sample volume: 20 tissue slides</li> <li>✓ Each tissue slide requires size of 25 mm<sup>2</sup> and 5 μm in thickness.</li> <li>✓ tumor tissue requires &gt;30% of total volume.</li> <li>✓ Store and transport: 15~25°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Store specimen slide in slide box and place slide box into bubble bag for transportation.</li> <li>✓ If the paraffin-embedded tissue is pleural fluid, ascites or urine sample, it can also be tested.</li> <li>✓ The minimum tumor size is shown in the diagram below:                </li> <li>✓ It is recommended to provide one H&amp;E stained slide at the same time to confirm the proportion of cancer tissue.</li> </ul> 	
	EDTA Collection Tube (Purple) 	<ul style="list-style-type: none"> <li>✓ Sample volume: 3~5 ml of peripheral blood</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Gently invert the tube 10 times immediately after collection to ensure proper mixing with the anticoagulant.</li> <li>✓ Place collection tube into dedicated box for transportation.</li> <li>✓ If there is blood transfusion, blood should be drawn after more than three months. If there is bone marrow transplant, please use 5 buccal swabs for examination.</li> </ul>	

## Specimen Collection and Transportation Requirement

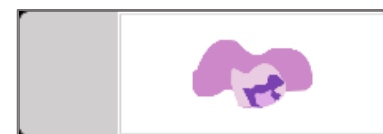
### Precision Medicine Genetic Testing

Embedding  
Cassette



- ✓ Sample volume: 1 tumor block
- ✓ Each tumor block requires size of 25 mm<sup>2</sup>, 150 µm in thickness
- ✓ Store and transport: 15~25°C

- ✓ Place sample tube into zipper bag for transportation.
- ✓ If the paraffin-embedded tissue is pleural fluid, ascites or urine sample, it can also be tested.
- ✓ It is recommended to provide one H&E stained slide at the same time to confirm the proportion of cancer tissue.



FFPE and Blood  
(Both required)

EDTA  
Collection Tube  
(Purple)



- ✓ Sample volume: 3~5 ml of peripheral blood
- ✓ Store and transport: 2~8°C




- ✓ Gently invert the tube 10 times immediately after collection to ensure proper mixing with the anticoagulant.
- ✓ Place collection tube into dedicated box for transportation.
- ✓ If there is blood transfusion, blood should be drawn after more than three months. If there is bone marrow transplant, please use 5 buccal swabs for examination.

#### Information

1. Turnaround time: 15 working days (NOT including slide checking by Pathologist about 3 working days)
2. Documents to be attached when submitting for testing
  - ✓ Consent form: SOFIVA Precision Medicine Genetic Testing Consent Form
  - ✓ Other: Pathology report
3. Each specimen requires to be labeled with patient's information sticker and completed consent form. Please deliver to Sofiva Genomics within 3 days after sampling.
4. Whether it is possible to increase the testing or re-testing: ☐No ☒Yes; the rest of the items need to be submitted within one month, and someone shall confirm with the laboratory whether the remaining samples are sufficient and fill in the consent form for the test items.
5. One month after the completing the test, the remaining specimen will be discarded without notice. If need to modify the submitter's information, please submit it within six months after the completion of the report. Overdue submissions will not be accepted.
6. The personal data of the subject is only used for the relevant test process; unless the subject agrees, it shall not be used for other unrelated purposes to protect personal privacy.
7. If you have any questions about the test, please contact with Sofiva Genomics Medical Laboratory; the business hours are from Monday to Friday, 08:30~17:30; the phone number is +886-2-2382-6663.



## Specimen Collection and Transportation Requirement

### Precision Medicine Genetic Testing

Test Item	➤ Paternity Testing			
Specimen	Container	Requirement	Note	
Blood (Cord Blood)	EDTA Collection Tube (Purple) 	<ul style="list-style-type: none"> <li>✓ Sample volume: 3~5 ml of peripheral blood or 1~3 ml of cord blood</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Gently invert the tube 10 times immediately after collection to ensure proper mixing with the anticoagulant.</li> <li>✓ Place collection tube into dedicated box for transportation.</li> <li>✓ If there is blood transfusion, blood should be drawn after more than three months. If there is bone marrow transplant, please use 2 buccal swabs for examination.</li> </ul>	
Blood	Dried Blood Spot Card (PerkinElmer) 	<ul style="list-style-type: none"> <li>✓ Sample volume: 3 spots of heel-prick blood and completely fill and saturate the circles.</li> <li>✓ Store and transport: air dry, then store and transport at 25°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Do not touch the blood spot and do not stack cards on top of each other.</li> <li>✓ Place into a clear zipper bag.</li> </ul>	
Buccal Cell	Buccal swab 	<ul style="list-style-type: none"> <li>✓ Sample volume: 2 of sampling swab and rotate swab against the mucosa for 15 times of each swab.</li> <li>✓ Store and transport: 2~8°C</li> </ul>	<ul style="list-style-type: none"> <li>✓ Gargle mouth with water or mouthwash, do not eat or drink for at least 30 minutes before swabbing.</li> <li>✓ Rotating swab while swabbing buccal cells within both cheeks, avoid touching teeth and tongue.</li> <li>✓ Place the swab back into the tube carefully.</li> </ul>	

## Specimen Collection and Transportation Requirement

### Precision Medicine Genetic Testing

Uncultured Amniotic Fluid	Syringe (NOT made in China)		✓ Seal the joint between syringe and needle with parafilm or breathable tape.
	15 ml		✓ Place syringe into dedicated Styrofoam box for transportation
	Sterile Centrifuge Tube		✓ If using the centrifuge tube, seal the cap with parafilm.

- ✓ Sample volume: 10 ml
- ✓ Store and transport: 2~8°C

#### Information

1. Turnaround time: 5 working days
2. Documents to be attached when submitting for testing
  - ✓ Consent form: Paternity Testing Consent Form
  - ✓ Other: Please refer to 【Paternity Testing Process Instructions】
3. Each specimen requires to be labeled with patient' s information sticker and completed consent form. Please deliver to Sofiva Genomics within 3 days after sampling.
4. Whether it is possible to increase the testing or re-testing: ☒No ☐Yes; the rest of the items need to be submitted within one month, and someone shall confirm with the laboratory whether the remaining samples are sufficient and fill in the consent form for the test items.
5. One month after the completing the test, the remaining specimen will be discarded without notice. If need to modify the submitter's information, please submit it within six months after the completion of the report, and must provide supporting documents. Overdue submissions will not be accepted.
6. The personal data of the subject is only used for the relevant test process; unless the subject agrees, it shall not be used for other unrelated purposes to protect personal privacy.
7. If you have any questions about the test, please contact with Sofiva Genomics Medical Laboratory; the business hours are from Monday to Friday, 08:30~17:30; the phone number is +886-2-2382-6663.