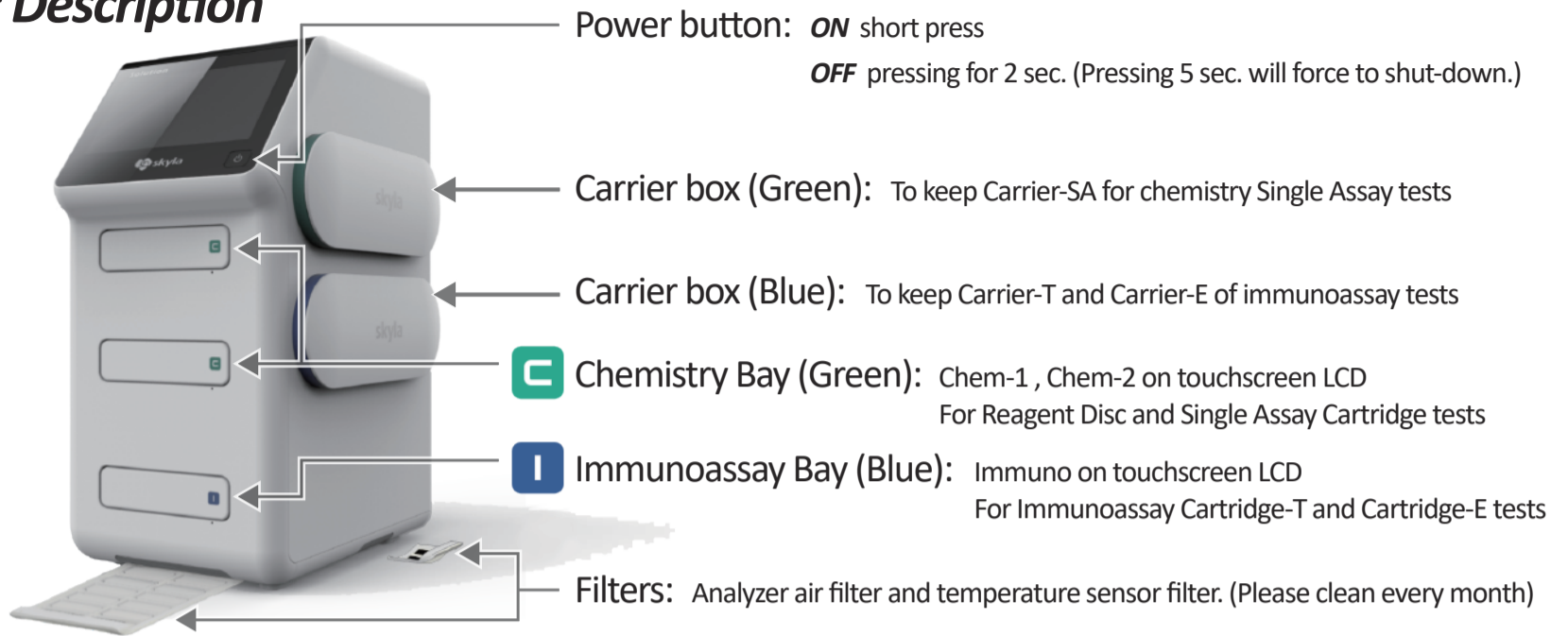




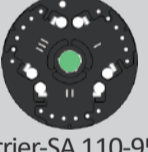






## Basic Description




## Reagent Kit with suitable Sample Type , Carrier , Pipette & Sample Volume

◆ Please wear the powder-free gloves to handle reagent kit, avoid touching its optical detection area.

	Reagent Kit	Carrier	Pipette	Sample Type/Volume and Suitable Tube
Chemistry	Reagent Disc 	No need	220µL pipette	<b>220µL Whole Blood or Plasma</b> in Lithium Heparin Tube (green cap) <b>220µL Serum</b> in Clotting activator tube (gold cap) Sample volume will be Quantitated in chemistry disc again. Do <b>NOT</b> use EDTA tube nor sodium heparin tube.
	Single Assay (SA) Cartridge 	Carrier-SA 110-950 	50µL pipette	<b>100µL of 13x diluted Plasma/Serum</b> for each SA Cartridge. Take <b>50µL plasma/serum</b> to mix with 600µL (±1%) diluent in the SA Diluent Tube (110-940) Inject diluted specimen <b>2 shots</b> as 100µL to each SA cartridge. Sample volume will <b>NOT</b> be Quantitated in SA cartridge.
Immunoassay	Cartridge-T 	Carrier-T 201-900 	Dropper or anyone	<b>5~10µL of Plasma/Serum</b> on the paper to be taken by Capillary. <b>Capillary</b> of Reagent Pack will perform sample Quantitation while taking specimen for the test automatically.
	Cartridge-E 	Carrier-E 201-910 	35µL pipette	<b>35µL of Plasma/Serum</b> in respective kind of Tube. Use the correct kind of tube for mentioned sample type. Sample volume will be Quantitated in Cartridge-E.

### Chem Chemistry Reagent Disc Tests

- ▶ Take out the Disc from foil pouch, no need to rewarm.
- ▶ Remove the Aluminum foil strip along the arrow in 45 degree.
- ▶ Use 220µL 2-steps pipette in correct way to inject sample.
  - \* Use pipette to draw sample from tube with plunger at 1st STOP.
  - \* Slowly inject sample to disc by pushing the plunger to 1st then 2nd STOP.
  - \* Make sure all sample in tip has been dispensed completely into the disc.
  - \* No bubble in tip and do not redraw the sample from disc during operation.
- ▶ Choose an available Chemistry Bay, press "Start".
- ▶ After completed the patient info, press  to open the drawer.





Press "Start" of a Chem Bay

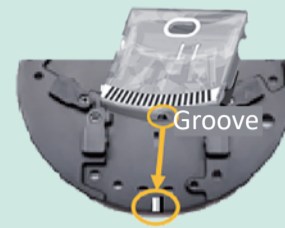
Place disc into C drawer

● Find the Operation Procedure Video on YouTube. ● QR code links are available in Analyzer HELP menu.



## Chem Chemistry Single Assay (SA) Cartridge Tests

- ▶ Take out the SA cartridge(s) from foil pouch, no need to rewarm.
- ▶ Snap the SA cartridge(s) in the Carrier-SA:
  - \* Align the groove below the barcode of cartridge to the raised bump on the outer edge of the Carrier-SA then press the cartridge in the carrier.
  - \* It has to be 3 cartridges on the Carrier-SA to be balance.
  - \* Do NOT use a used Cartridge-SA as balancer, it will make results confused.
- ▶ Centrifuge SA Diluent tube (110-940) for 10sec before use.
- ▶ Use 1-step 50 $\mu$ L pipette to draw 50 $\mu$ L plasma/serum to the diluent tube.
  - \* Lean the tip on inner wall of tube without touching the diluent.
  - \* Inject VERY SLOWLY 50 $\mu$ L plasma/serum to the tube (110-940).
  - \* Make sure all specimen in tip had been drawn by inner wall as possible.
- ▶ Close the cap, invert the tube 10 times to mix well as 13x dilution.
- ▶ With a new tip to draw the specimen, inject 2 shots as 100 $\mu$ L to each cartridge.
- ▶ Press "Start" of an available Chem Bay to test, keep the Carrier in Green box after finished.



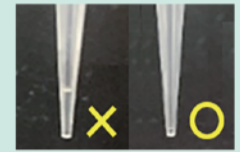
Raised bump



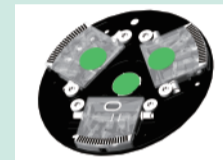
Snap cartridge in



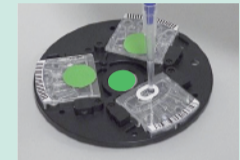
Lean tip on the wall



As few as possible



Balance is required

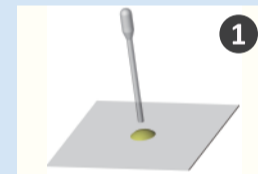


Inject 2 shots as 100 $\mu$ L

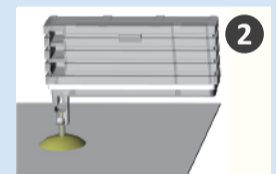
## Immuno Immunoassay Cartridge-T Tests (cCRP, SAA, PHBR...)



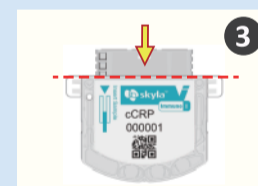
- ▶ Take out the Cartridge-T from foil pouch, no need to rewarm. Keep the paper for sample collection purpose later.
- ▶ Use a dropper or pipette to take few plasma/serum sample (>10 $\mu$ L), transfer a droplet onto the paper.
- ▶ Within 3 min., remove the yellow cap on the capillary, touch the droplet with the capillary for about 3 sec. to collect the sample.
- ▶ Insert the reagent pack into the cartridge body completely.
- ▶ Put the cartridge onto the center of Carrier-T and slide it into the slot along the arrow indicated to the position with a click sound produced.
- ▶ Press "Start" of Immuno Bay to test, keep the carrier in Blue box after finished.



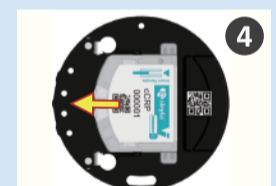
Transfer a droplet onto the paper



Use capillary to collect sample



Insert reagent pack into cartridge body

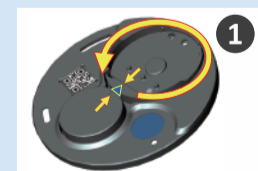


Put and slide the cartridge with a click

## Immuno Immunoassay Cartridge-E Tests (cTSH, cPROG, cCOR...)



- ▶ Take out the Cartridge-E from foil pouch, no need to rewarm.
- ▶ Put the Cartridge-E in the Carrier-E as :
  - \* Rotate the round slot of the Carrier-E to the reset position to aim the blue mark to the center of carrier.
  - \* Align the blue mark of Cartridge-E to the blue mark of the slot to insert.
  - \* Press down the Cartridge-E onto the carrier until a click sound produced.
- ▶ Use the 35 $\mu$ L pipette to inject 35 $\mu$ L plasma/serum to the Cartridge-E.
- ▶ Press "Start" of Immuno Bay to test, keep the carrier in Blue box after finished.



Reset the slot position



Align blue color marks



Press down with a click



Inject 35 $\mu$ L sample

● Find the Operation Procedure Video on YouTube. ● QR code links are available in Analyzer HELP menu.