INNOTEST® β-amyloid$_{(1-42)}$ (1/2)

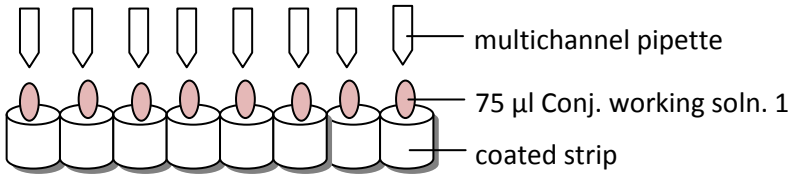
Always use the package insert as the reference.

General preparation

- Bring all reagents and the aluminum foil bag containing the strips to room temperature (18-30°C), approximately 60 min before use.
- To avoid water condensation into the wells, the aluminum foil bag must be kept closed until the strips have reached room temperature.
- Allow ready-to-use calibrators (CAL), Run Validation Controls (RVC) and CSF samples to reach room temperature (18-30°C) approximately 60 min before use.
- Put the Wash Solution in an incubator or warm water bath at 30-40°C for 60 min to dissolve salt crystals.

Preparation of the Conjugate working solution 1:

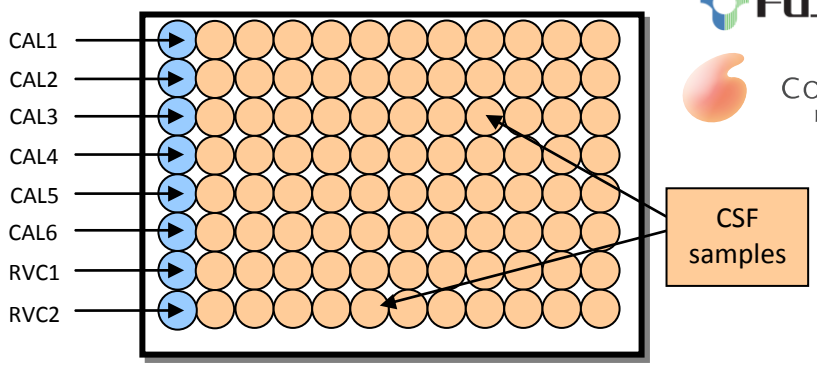
- Make a 1:100 dilution of the concentrated Conjugate 1 in Conjugate Diluent 1 (red color).
- **Dispense 75 µl Conjugate working solution 1 into the coated microplate wells.**



Preparation plate:

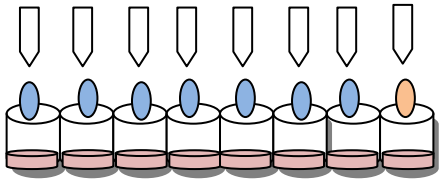
! We advise the use of this preparation plate when more than 6 strips need to be used. Vortex CAL, RVC and samples for 10 seconds and dispense ≥ 60 µl of sample/CAL/RVC into the wells of the preparation plate.

From this plate, 2 x 25 µl CAL, RVC and samples need to be transferred into the coated INNOTEST β-AMYLOID$_{(1-42)}$ plate. This action will reduce a reactivity shift.



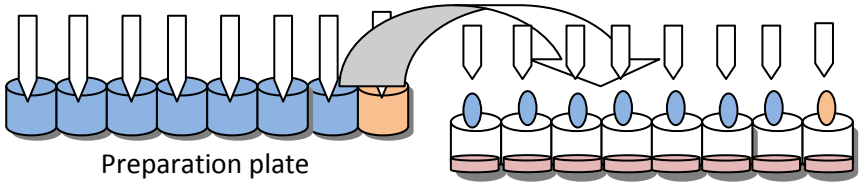
Dispensing CAL, RVC and samples into the coated INNOTEST β-AMYLOID$_{(1-42)}$ plate:

a) *In case a limited number of samples needs to be tested:*
Add 25 µl of each sample/CAL/RVC to duplicate wells of the antibody-coated plate.



INNOTEST B-AMYLOID$_{(1-42)}$ plate

b) *In case a larger number of sample needs to be tested (more than 6 strips):*
Use a multichannel pipette to transfer 25 µl from each well of the preparation plate to duplicate wells of the antibody-coated plate.



Preparation plate

INNOTEST B-AMYLOID$_{(1-42)}$ plate

- Mix the fluids by tapping the side of the plate by hand or by shaking the plate 1 min at 1000 rpm.
- Cover the plate with a plate sealer.

INNOTEST® β-amyloid$_{(1-42)}$
(2/2)

INCUBATION : 60 ± 3 min ⏲ at 25 ± 2°C in an incubator

Preparation of the diluted Wash Solution

Wash Solution:	**1 strip (8 wells)**	**12 strips (96 wells)**
Wash Solution 25x	5 ml	60 ml
H_2O	120 ml	1440 ml

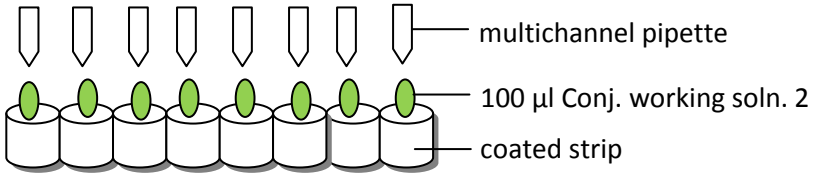
Preparation of the Conjugate working solution 2 just before the end of the sample incubation:

- Make a 1:100 dilution of concentrated Conjugate 2 in Conjugate Diluent 2 (green color).

Wash procedure – automatic or manual:

5 x
- aspirate the CAL/RVC/sample + Conj. working solution 1
- invert the plate on a tissue and tap dry
- dispense 400 µl washing solution into each well, soak 30 seconds
- aspirate the washing solution
- invert plate on an absorbent tissue and tap dry

Dispense 100 µl Conjugate working solution 2 into the wells.



- Cover the plate with a plate sealer.

INCUBATION : 30 ± 3 MIN ⏲ at 25 ± 2°C in an incubator

Preparation of the Substrate working solution just before the end of the conjugate incubation:

- Make a 1:100 dilution of concentrated Substrate in Substrate Buffer.

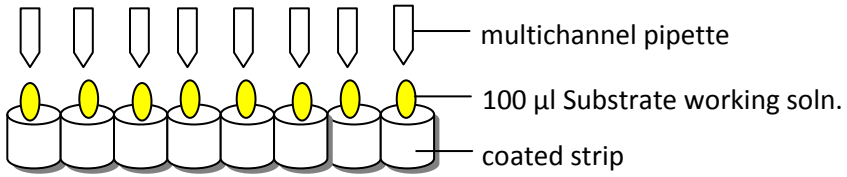
FUJIREBIO

COSMO BIO CO., LTD.
Inspiration for Life Science

Wash procedure – automatic and manual:

5 x
- aspirate the Conj. working solution 2
- invert the plate on a tissue and tap dry
- dispense 400 µl washing solution into each well, soak 30 seconds
- aspirate the washing solution
- invert plate on an absorbent tissue and tap dry

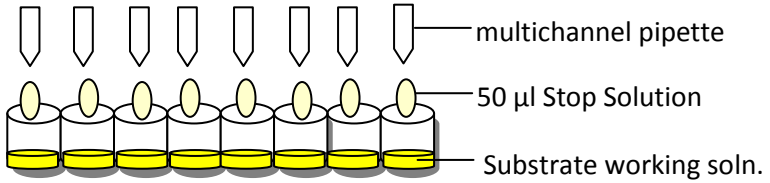
Dispense 100 µl Substrate working solution into the wells.



INCUBATION: 30 ± 3 MIN ⏲ at 25 ± 2°C in an incubator IN THE DARK

Stopping the reaction:

- Add 50 µl Stop Solution to each well.



- Mix the fluids by tapping the side of the plate by hand or by shaking the plate 1 min at 1000 rpm.

Reading:

- Read the absorbance at 450 nm (single wavelength) within 15 minutes after addition of the Stop Solution.
- For dual wavelength analysis, 620 nm can be used as the reference wavelength.