FUJIFILM

# Autokit CH50

## Application Guide for Architect c8000 new Type / c16000

Liposome Immunoassay Method

CE

### Product Information

| Reagents | Packaging size | Article No. |
|---|---|---|
| Autokit CH50 / Autokit CH50 Small | R1: 2 x 20 mL / 1 x 20 mL (Liposome) | 995-40801 / 995-40802 |
| | R2: 1 x for 20 mL / 1 x for 11 mL (Substrate) | |
| | R2a: 1 x 20 mL / 1 x 11 mL (Diluent) | |
| CH50 Calibrator | CAL: 5 conc. for 0.5 mL | 997-43801 |
| Complement Control | CONTROL L: 10 x for 0.5 mL (low) | 991-43701 |
| | CONTROL H: 10 x for 0.5 mL (high) | |

### Architect c8000 new Type / c16000

**General**
Assay: CH50 Type: Photometric

**Reaction definition**
Reaction mode: Rate up

| | Primary | Secondary | | Read times |
|---|---|---|---|---|
| Wavelength: | 340 | / 700 | Main: | 30 - 33 |
| Last required read: | 33 | | Flex: | - |
| Absorbance range: | 0.0000 | - 2.0000 | Abs. window: | 14 - 16 |
| Sample blank type: | None | | Blank: | - |

**Reagent/Sample**

| | | R1 | R2 |
|---|---|---|---|
| Reagent: | CH50 *1 | Reagent volume: | 100 | 50 |
| Diluent: | None | Water volume: | | |
| Diluent dispense mode: | Type 1 | Dispense mode: | Type 1 | Type 1 |

| Dilution name | Sample | sample | Diluent | Water | Default dilution |
|---|---|---|---|---|---|
| NORMAL : | 4.0 | | | | ● |

**Validity checks**
Reaction check: None
Maximum absorbance variation: 0

**Calibration**
Assay: CH50 Calibration method: Logit 4

**Calibrators**
Calibrator set: CH50 CAL *2
Replicates: 3

| Calibrator level: | | Concentration: | |
|---|---|---|---|
| Blank: | saline | 0.0 | *2 |
| Cal 1: | CH50 CAL1 | *2 *3 | |
| Cal 2: | CH50 CAL2 | *2 *3 | |
| Cal 3: | CH50 CAL3 | *2 *3 | |
| Cal 4: | CH50 CAL4 | *2 *3 | |
| Cal 5: | CH50 CAL5 | *2 *3 | |

**Volumes**
Calibrator: CH50 CAL

| Calibrator level | Sample | Diluted sample | Diluent | Water |
|---|---|---|---|---|
| Blank: saline | 4.0 | | | |
| Cal 1: CAL 1 | 4.0 | | | |
| Cal 2: CAL 2 | 4.0 | | | |
| Cal 3: CAL 3 | 4.0 | | | |
| Cal 4: CAL 4 | 4.0 | | | |
| Cal 5: CAL 5 | 4.0 | | | |

Result units: U/mL Correlation factor: 1.0000
Decimal places: 1 Intercept: 0.0000

*1: Set in the (c system) reagent set; reagent such as barcode, please select
*2: Please use CH50 Calibrator Set. In addition, please use a saline solution as blank.
*3: Please set the calibrator concentration.

0712D1/kg



**Manufacturer**:
**FUJIFILM Wako Chemicals Europe GmbH**
Fuggerstr. 12 • 41468 Neuss • Germany
Telephone: + 49 2131 311 272 • Fax: + 49 2131 311 110
diagnostics_wkeu@fujifilm.com • www.wako-chemicals.de

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