

### APPLICATION SHEET - Beckman Coulter AU480, AU680, AU5800

Psychiatry Total Risperidone Assay Kit  
 Reagent Catalog No: C82918

### Total Risperidone / Paliperidone

#### Configure assay parameters - Common Test Parameters

| Test Item |       |             | Reagent ID | Alarm Shots | Multi-Reagent Switch | Remarks |
|-----------|-------|-------------|------------|-------------|----------------------|---------|
| No.       | Name  | Long Name   |            |             |                      |         |
| #         | RSP1G | Risperidone | 247        | #           | #                    | #       |

#### Configure assay parameters - Specific Test Parameters - General

|                          |             |                           |                     |
|--------------------------|-------------|---------------------------|---------------------|
| <b>General</b>           | LIH         | ISE                       | Range               |
| Test Name:               | RSP1G       | Type:                     | Serum               |
|                          |             | Operation:                | Yes                 |
| Sample Volume            | 5 $\mu$ L   | Dilution                  | 0 $\mu$ L           |
| Pre-Dilution Rate        | 1           | OD Limit                  | Min OD Max OD       |
| Reagent Volume R1 (R1-1) | 100 $\mu$ L | Dilution                  | 0 $\mu$ L           |
|                          |             | Reagent OD Limit:         | First Low -2 High 3 |
| R2 (R2-2)                | 50 $\mu$ L  | Dilution                  | 0 $\mu$ L           |
|                          |             | Last Low -2 High 3        |                     |
| Wavelength: Pri.         | 600         | Sec.                      | None                |
| Method:                  | END1        | Dynamic Range             | Low 16 High 120     |
| Reaction slope:          | +           | Correlation Factor        | A 1 B 0             |
| Measuring Point 1: First | 12          | Factor Maker              | A 1 B 0             |
| Measuring Point 2: First |             | On-board stability period | 60 Day 0 Hour       |
| Linearity:               |             | LIH Influence Check       | No                  |
| Lag Time Check:          |             | Lipemia                   | +                   |
|                          |             | Icterus                   | +                   |
|                          |             | Hemolysis                 | +                   |

#### Configure assay parameters - Specific Test Parameters - Range

|                 |                                   |                |                           |   |   |   |   |
|-----------------|-----------------------------------|----------------|---------------------------|---|---|---|---|
| <b>General</b>  | LIH                               | ISE            | Range                     |   |   |   |   |
| Test Name       | RSP1G                             | Type:          | Serum                     |   |   |   |   |
| Value/Flag      | Value                             |                |                           |   |   |   |   |
| Level           | Low -9999999 High 9999999         | Panic Value    | Low -9999999 High 9999999 |   |   |   |   |
| Specific Ranges | From Sex Year Month Year Month To |                | L H                       |   |   |   |   |
| 1.              | #                                 | #              | #                         | # | # | # | # |
| 2.              | #                                 | #              | #                         | # | # | # | # |
| 3.              | #                                 | #              | #                         | # | # | # | # |
| 4.              | #                                 | #              | #                         | # | # | # | # |
| 5.              | #                                 | #              | #                         | # | # | # | # |
| 6.              | #                                 | #              | #                         | # | # | # | # |
| 7.              | No demographics                   |                |                           |   |   |   |   |
| 8.              | Not within expected values        |                |                           |   |   |   |   |
| Unit            | ng/mL                             | Decimal places | 0                         |   |   |   |   |

# User Defined



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Psychiatry Total Risperidone Assay Kit  
 Reagent Catalog No: C82918

### Total Risperidone / Paliperidone

#### Configure assay parameters - Calibration Parameters - Calibration Specific

|                     |           |                                      |            |                       |             |
|---------------------|-----------|--------------------------------------|------------|-----------------------|-------------|
| <b>General</b>      |           | ISE                                  |            |                       |             |
| Test Name:          | RSP1G     | Type:                                | Serum      |                       |             |
| Calibration Type:   | 6AB       | Formula:                             | EIA TYPE 1 |                       |             |
| Counts:             | 2         | Slope Check:                         | None       |                       |             |
|                     | Cal. No.* | OD                                   | CONC.      | Factor/OD-L           | Factor/OD-H |
| Point-1             | #         |                                      | 0          | -2.0000               | 3.0000      |
| Point-2             | #         |                                      | 25         | -2.0000               | 3.0000      |
| Point-3             | #         |                                      | 40         | -2.0000               | 3.0000      |
| Point-4             | #         |                                      | 60         | -2.0000               | 3.0000      |
| Point-5             | #         |                                      | 80         | -2.0000               | 3.0000      |
| Point-6             | #         |                                      | 120        | -2.0000               | 3.0000      |
| Point-7             |           |                                      |            |                       |             |
| Point-8             |           |                                      |            |                       |             |
| Point-9             |           |                                      |            |                       |             |
| Point-10            |           |                                      |            |                       |             |
| 1 Point Cal. Point: |           | <input type="checkbox"/> with CONC-0 |            | Advanced Calibration: | NO          |
| MB Type Factor:     |           | Calibration Stability Period:        | 30 Day     |                       | 0 Hour      |

#### Configure assay parameters - QC Parameters - QC Specific - Check

|                    |        |
|--------------------|--------|
| Test Name          | RSP1G  |
| Single Check Level | 2SD    |
| Multi Check Level  |        |
| QC Mode            | Preset |

#### Configure assay parameters - QC Parameters - QC Specific - Preset

|           |           |              |       |     |       |
|-----------|-----------|--------------|-------|-----|-------|
| Test Name | RSP1G     | Type:        | Serum |     |       |
| Level     | Control** | Multi/Single | Mean  | SD  | Range |
| 1         | Low       | Single       | 35    | 2.5 | 10    |
| 2         | Med       | Single       | 65    | 5   | 20    |
| 3         | High      | Single       | 100   | 7.5 | 30    |

# User Defined

\*Psychiatry Calibrator Kit 2 Cat. No. C82911

\*\*Psychiatry Control Kit 2 Cat. No. C82912

For technical assistance:

Contact the Customer Technical Support Center at 1-800-854-3633 (USA & Canada).

In other countries, please contact your local Beckman Coulter representative.

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