

NOTE: When ordering the label printers listed below, confirm with the vendor that the printer you are ordering is a 300-dpi resolution – Thermal Transfer model. DO NOT order a printer with a 203 dpi resolution or direct thermal capabilities only. Manufacturers sell various models of these printers that may look the same, but part numbers that differ by one letter or number can signify a completely different model which may be unacceptable (example: Zebra ZD6A142 is a 203 dpi resolution printer). Printers must use thermal ribbon and print at the higher resolution.

PRINTERS:

Recommended Clinical LHD Printer: Zebra ZD621

- **PRINTER: Part # ZD6A143-301L01EZ Zebra ZD621 OR Part # ZD6A143-301R01EZ Zebra ZD621 – Barcode Label Printer – 300 dpi – Thermal Transfer – Tear Bar**
- Additional details: Desktop Printers, Zebra ZD621t, Thermal Transfer Printer (74/300M), Color Touch LCD, 300 dpi, USB, USB Host, Ethernet, Serial, Wi-Fi, BT4, USA/Canada, US Cord, Swiss Font, EZPL

Alternative Clinical LHD Printer: Brady BBP12

- SLPH has tested this model Brady printer which prints the same quality labels.
- NOTE: Printer should match specifications (Thermal Transfer, 300 dpi...)

NOTE: Alternative Zebra or Brady laboratory/industrial printers or other brand printers may be used **ONLY WHEN** they meet the following specifications:

1. Printers can print 2 x 1 labels as specified.
2. Printers must be thermal transfer capable (not direct thermal). This means that thermal ribbons and labels are loaded on the printer.
3. The printer must have a high-resolution setting (300dpi).

LABELS:

APPROVED RECOMMENDED LABELS:

1. Zebra Z-Ultimate 4000T Polyester Barcode Label

- Product Description: Labels, Zebra Z-Ultimate 4000T White, Label, Polyester, 2x1" (50.8x25.4mm), Thermal Transfer, Z-Ultimate 4000T White, High Performance Coated, Permanent Adhesive, 1" (25.4mm) core
- Additional details: Polyester – glossy – permanent acrylic adhesive – perforated – pearl white – 50.8 x 24.4 mm 20240 labels (8 roll(s) x 2530) labels per case - for TLP 28XX; GK Series GK420; G-Series GC420; GX Series GX420, GX430; H 2824; TLP 28XX, 38XX

2. Zebra Z-Ultimate 3000T Barcode Label (direct replacement for Zebra Z-Ultimate 4000T).

- Product Description: Labels, Zebra Z-Ultimate 3000T White, Label, Polyester, 2x1" (50.8x25.4mm), Thermal Transfer, High Performance Coated, Permanent Adhesive, 1" (25.4mm) core

APPROVED ALTERNATIVE LABELS:

1. Zebra PolyPro 3000T Barcode Labels

- Zebra Label, Polypropylene, 2 x 1in, Thermal Transfer, White, Label, (50.8x25.4mm), Permanent Adhesive, 1" (25.4mm) core

NOTE: Zebra PolyPro 3000T labels have a matte finish. To produce the print quality required by the SLPH, your zebra printer print speed must be adjusted downward. This is found in the printer settings. Reference the **Zebra ZD621t Label Printer Setup Adjustments for Matte (non-shiny) Labels** document found on the SLPH LWP webpage.

2. Brady THT-137-7425-2-SC

- SLPH has tested this type of Brady label which prints with the same quality as the Zebra.

NOTE: Alternative Zebra, Brady, or other brand labels may be used **IF** they meet the following specifications, but these should be confirmed as acceptable by the SLPH:

- Labels must be 2" x 1" white thermal/waterproof synthetic (not paper); ie, polyester (polypropylene) with permanent adhesive.
Matte labels must have the printer print speed setting adjusted.
- The label roll length and core size must correspond to the printer you are using.

RIBBON:

APPROVED RECOMMENDED RIBBON:

1. Zebra 06200GS06407 Thermal Ribbon

- Product Description: Thermal Transfer Ribbon, Zebra 6200 Resin, Resin Ribbon, (2.52" x 244'), 6200, Resin, (1/2") core.
- Note: Ribbon can be generally ordered by the case or individually.

APPROVED ALTERNATIVE RIBBON:

2. Brady R4313

- SLPH has tested this type of Brady thermal ribbon which prints with the same quality as the Zebra.

NOTE: Alternative Zebra or Brady or other thermal ribbon may be used **IF** it meets the following specifications:

- Thermal Transfer Ribbon should be a resin type ribbon for smudge proof printing.
- The ribbon roll length and core size must correspond to the printer you are using.

NOTE: As long as similar specifications (type, size), Brady and Zebra labels and thermal ribbon should be interchangeable on printers.

General Guidance Regarding LWP Labels:

Clinical LHDs: Clinical specimen testing at SLPH is performed using high-throughput instrumentation that require high resolution barcodes. In addition, these labels must be thermostable as specimens may need to be frozen prior to analysis and later storage. The Zebra printers purchased by SLPH and the printer/supplies specifications listed below meet these requirements.

Environmental: *Environmental sciences testing at SLPH does not require the same high-resolution/thermostable barcode labels as clinical testing. Therefore, while the printers/supplies listed below may be preferred, Environmental Health staff may use other label printers to label samples as long as samples are properly identified using legible 2x1" labels.*

Rabies: *LWP does not require printed labels for Rabies testing. Animal control must assure that the specimens are identified.*