

# IDEXX xChek\*: Creating a User-Defined Assay for the CHEKIT\* Leucose Serum Antibody Test Kit (BLV)—Individual Samples

Creating a user-defined assay is an easy process of two tasks—editing an xChek file to allow you to create an assay, and then creating the assay within xChek.

## To edit the xChek.ini file:

1. From the task bar, choose **Start> Run** and type “xchek.ini” into the text box. Click the **OK** button.
2. After the xChek.ini file opens, locate the line labeled “AllowNewAssays.”
3. If the value for that line is “0”, change it to “1.” If the value is already “1,” do not do anything.
4. Locate the section labeled [Basic Graphs], scroll to the end of the section and then enter “CHEKITBLV=11”.
5. From the menu bar, choose **File>Save**, and then choose **File>Exit**.

## To create the assay:

1. From the task bar, choose **Start> Programs> xChek> xChek** to open the xChek program.
2. From the menu bar, choose **Database> Assays> All** to open the Assay dialog box.
3. Click the **New** button and enter “CHEKIT Leucose Serum Antibody (BLV) - Individual” into the Name field, “CHEKITBLV” into the Code field, and “Unknown” into the Kit Lot field. Today’s date (mm/dd/yyyy) is automatically entered into the Expiration field.

**NOTE:** When you begin testing, update the information in the Kit Lot and Expiration fields with the actual kit lot number and expiration date.

The screenshot shows the 'New Assay' dialog box with the following fields and buttons:

- Name:** CHEKIT Leucose Serum Antibody (BLV) - Individual
- Code:** CHEKITBLV
- Kit Lot:** Unkown
- Expiration:** 6/20/2006
- Comment:** (Empty text area)
- Buttons:** OK, Cancel, New, Delete, Print
- Bottom Buttons:** Basic, Calculations, Iiters, Bins
- Navigation:** Assays



## Setting Up Additional Display Variables

Only OD values are displayed in the reporting options for this user-defined assay. To set up additional display variables, follow the directions below.

1. From the xChek menu bar, choose **Reports > Analyze Cases** to open the Filter Criteria for Analyze dialog box.
2. Enter the desired search criteria and click **OK**. The Select Cases for Analyze dialog box appears.
3. Select the desired cases and click **OK**. The Analyze Report dialog box appears.

**Analyze Report**

**Case Options**

- Show Block Reports
- Show Statistics
- Show Controls
- Show NHC Wells
- Show Original ODs
- Show Comments
- Show Kit Lot/Expiration
- Single Column

**Graph Options**

- Show Graphs
- Show Statistics
- Show Key
- Color Graphs
- Stats on Top

Mean

- Arithmetic
- Geometric

Style

- 2D Histogram
- 3D Histogram

Buttons: OK, Cancel, Variables, Sort, Baseline, Footers

4. Click the **Variables** button to open the Display Variables dialog box.

**Display Variables**

<input checked="" type="checkbox"/> Well Type	<input type="checkbox"/> Mean Sample
<input checked="" type="checkbox"/> Optical Density	<input type="checkbox"/> Sample
<input type="checkbox"/> Tube Number	<input type="checkbox"/> Pos
<input type="checkbox"/> Sex	<input type="checkbox"/> Neg
<input type="checkbox"/> Species	<input type="checkbox"/> Blocking
<input type="checkbox"/> Breed 1	<input checked="" type="checkbox"/> S/P Ratio
<input type="checkbox"/> Breed 2	<input type="checkbox"/> S/N Ratio
<input type="checkbox"/> Animal Type	<input type="checkbox"/> B/A Ratio
<input type="checkbox"/> Animal ID1	<input type="checkbox"/> S/NHC Ratio
<input type="checkbox"/> Animal ID2	<input type="checkbox"/> Titer
<input type="checkbox"/> Calendar Age	<input type="checkbox"/> Titer Log2
<input type="checkbox"/> Breeding Age	<input type="checkbox"/> Titer Group
<input type="checkbox"/> Quality	<input checked="" type="checkbox"/> Result

Buttons: OK, Cancel

5. Select the desired options and click **OK**. Click **OK** again to save the settings.

For more information, call Bommeli Technical Services at 41-31-970-62-60 or IDEXX Technical Services at 1-800-548-9997 (in the U.S.) or 1-207-556-4890 (outside of the U.S.), or visit us on the Web at [idexx.com](http://idexx.com).

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