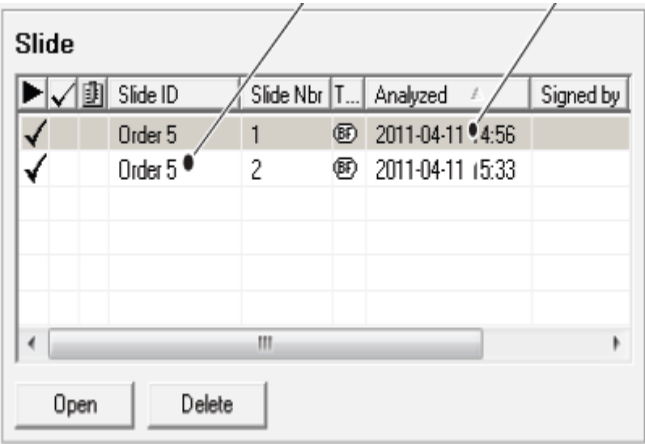


## Process for Resolving Smudge Cells

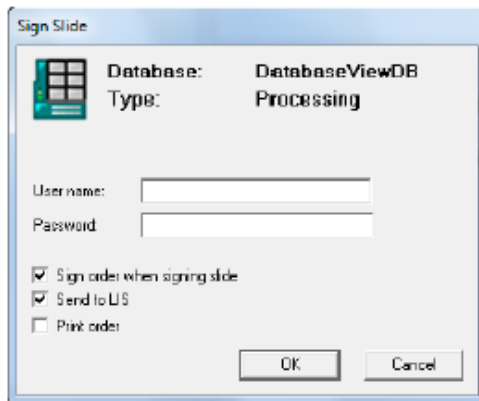
- A. Preparing an Albuminized slide** To prepare the albuminized slide on a specimen with smudge cells observed, perform the following steps.

Step	Action
1	In a 12x75 tube, add 4 drops of blood to 1 drop of albumin (1:5 ratio).
2	Make a push slide and allow to air dry thoroughly.
3	Label the slide with patient identifier and write “albumin” on the frosted edge of the slide.
4	Stain the slide on the stainer.
5	Proceed to performing a manual differential.

- B. Performing the Manual Differential and Reporting** To perform the manual differential, perform the following steps.


If using	Then these are the steps
1. Manual Microscopy	a. Enter the differential results manually in WAM and click <b>[SAVE]</b> . b. Perform RBC morphology and PLT estimate on the non-albumin slide. Enter results manually in WAM and click <b>[SAVE]</b> . 1.
2. Cellavision	a. Select the albumin slide in Cellavision (Slide Nbr 2). b. Perform the differential on the albumin slide.  c. Evaluate the RBC morphology and PLT estimate on the non-albumin slide (Slide Nbr 1). Enter both results including the Smudge cell grading under WBC tab from Slide Nbr1 on the column of the albumin slide (Slide Nbr 2).

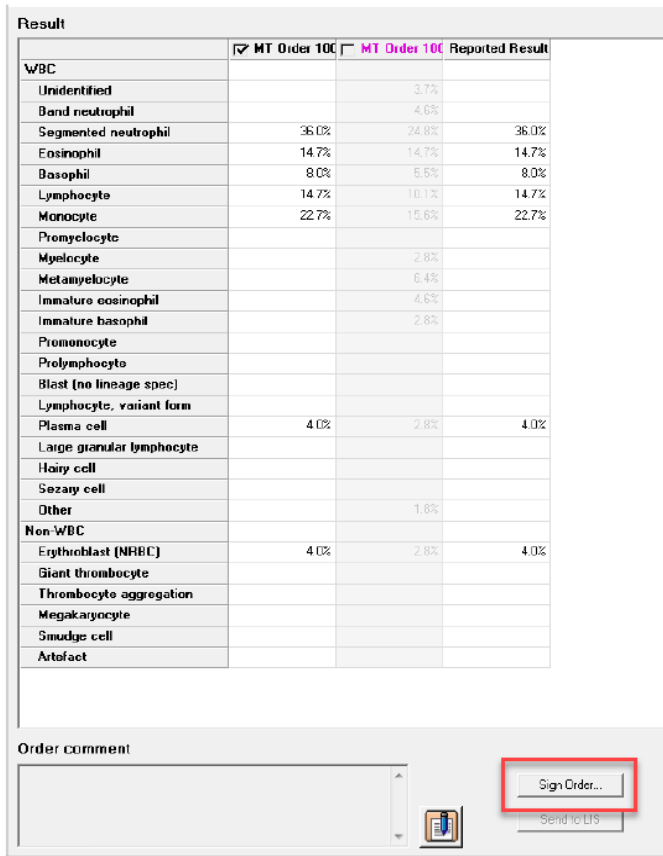
d. Complete the differential on slide number 2 and sign the order to release them to WAM.



The 'Sign Slide' dialog box contains the following information:

- Database: DatabaseViewDB
- Type: Processing
- User name: [text box]
- Password: [text box]
- Sign order when signing slide
- Send to LIS
- Print order
- Buttons: OK, Cancel

e. Highlight slide number 1 and click on the Report View icon. . Sign order to close out slide 1.



The 'Result' window displays a table with the following data:

	<input checked="" type="checkbox"/> MT Order 10C	<input type="checkbox"/> MT Order 10C	Reported Result
WBC			
Unidentified			3.7%
Band neutrophil			4.6%
Segmented neutrophil	36.0%	24.8%	36.0%
Eosinophil	14.7%	14.7%	14.7%
Basophil	8.0%	5.5%	8.0%
Lymphocyte	14.7%	10.1%	14.7%
Monocyte	22.7%	15.6%	22.7%
Promyelocyte			
Myelocyte			2.8%
Metamyelocyte			6.4%
Immature eosinophil			4.6%
Immature basophil			2.8%
Promonocyte			
Prolymphocyte			
Blast (no lineage spec)			
Lymphocyte, variant form			
Plasma cell	4.0%	2.8%	4.0%
Large granular lymphocyte			
Hairy cell			
Sezary cell			
Other			1.8%
Non-WBC			
Erythroblast (NRBC)	4.0%	2.8%	4.0%
Giant thrombocyte			
Thrombocyte aggregation			
Megakaryocyte			
Smudge cell			
Artefact			

At the bottom of the window, there is an 'Order comment' text area and a 'Sign Order...' button highlighted with a red box. A 'Send to LIS' button is also visible below it.