

## Division of Nuclear Medicine Procedure / Protocol

JPDATED: AUC	GUST 2011 						
rinciple:	The pipe	The pipettes have been calibrated at the factory with distilled water at +22°C.					
	lab re-c	Ordinarily the pipettes do not need to be calibrated but they are constructed to permit easy in- lab re-calibration if necessary. To do this an analytical balance, a small beaker, distilled water (+22°C), and the calibration tool are needed.  If the handle and/or piston have been changed the pipette must be re-calibrated. If the O-ring and /or tip cone has been changed the calibration should be checked.					
rocedure:	1. Set the	volume of the pipe	ette as instructe	ed in the table below	<i>1</i> .		
		Pipette	Set Volume	Permitted Value (	mg)		
		5-50 µl	20	19.7-20.3			
		20-200 µl	100	99-101			
		100-1000 μl 1-5 ml	500 2000	494-505 1980-2020			
		1-3 1111	2000	1980-2020			
PIPETTE	#1	#2	#3	#4	#5	Date / Init	
	2. Place th	e finntip firmly on	to the end of tl	ne pipette.			
	tenth of		ation of the pip	d beaker at least 5x ette must be change			
		e calibration tool is the volume, and o		t the base of the thuse to decrease it.	umb button. Turn	clockwise to	
		-calibration, check range of the pipet	•	tep (3). Calibration	applies only withi	n the specified	
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