

Userguide

Semcheck Operation

Item: 1016-7669



1. Switch on Semcheck and leave for 5 minutes to warm up.
2. Place a clean 5 ml. Pipetter Tip into the 2.7 ml Pipetter, take 2,7 ml. of Diluent and transfer it into a clean, dry Cuvette. Set to zero (press "R").
3. Place a clean 1 ml. Pipetter Tip into the 0,3 ml. Pipetter, take 0,3 ml. of WELL_MIXED raw semen and add it to the Cuvette containing 2.7 ml. of Diluent.
4. Ensure good mixing of the semen/Diluent Cuvette by inverting it several times.
5. Insert the semen Diluent Cuvette into the Semcheck (press "T") and IMMEDIATELY note the reading.
6. Use the tabel to calculate the number of ml. required per dose.

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Tabel for Semcheck II colorimeter 2,5 mia cells per dose

Colorimeterdisplay	90%	80%	70%
1,90	2,78	3,04	3,29
1,85	3,12	3,41	3,69
1,80	3,47	3,78	4,10
1,75	3,78	4,13	4,47
1,70	4,11	4,49	4,86
1,65	4,49	4,90	5,30
1,60	4,86	5,30	5,75
1,55	5,15	5,62	6,08
1,50	5,35	5,83	6,32
1,45	5,56	6,06	6,57
1,40	5,80	6,32	6,85
1,35	6,00	6,54	7,09
1,30	6,29	6,86	7,44
1,25	6,75	7,36	7,98
1,20	7,15	7,80	8,45
1,15	7,35	8,02	8,69
1,10	7,55	8,24	8,92
1,05	7,75	8,45	9,16
1,00	8,25	9,00	9,75
0,95	9,75	10,64	11,52
0,90	11,25	12,27	13,30
0,85	12,40	13,53	14,65
0,80	13,75	15,00	16,25
0,75	14,65	15,98	17,31
0,70	15,65	17,07	18,50
0,65	16,70	18,22	19,74
0,60	17,75	19,36	20,98
0,55	18,80	20,51	22,22
0,50	19,80	21,60	23,40
0,45	21,45	23,40	25,35
0,40	24,35	26,56	28,78
0,35	26,80	29,24	31,67
0,30	29,90	32,62	35,34
0,25	Not to be used	Not to be used	Not to be used

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