

KOVA PLASTICS GLASSTIC SLIDE 10 ey'Omweeso ogw'Endagiriro y'Okutandika Amangu

REF 87144E, 87144F, 87145E

KOVA Plastics Glasstic Slide 10 ey'ebiba eby'emiwendo ekoledwa okukozesebwa awamu n'enkola y'obuyonjo etindowaziddwa eya KOVA ey'Okwekenneenya Ebiri mu Musulo mu Microscope:



Kyusa **mL12** y'omusulo okuva mu **Kikopo ka KOVA Plastics** oguzze mu **Kakopo ka KOVA Plastics**. Teeka **Akasaanikira ka KOVA Plastics** ku **Kakopo ka KOVA Plastics** n'oluvannyuma okamule ng'okozesa amaanyi ga **ref 400** (-1500 rpm) okumala **eddakiika 5**.



Yingiza **Akaseke ka KOVA Plastics** katuuke mu **kakopo wansi era kakasa nti akakwaso akali ku kapeesa kaloby ku mugo oguli ebweru w'Akakopo ka KOVA Plastics** oyiwe. **mL1.0** ez'ebisejja ejja kusigala mu **Kaseke ka KOVA Plastics**.



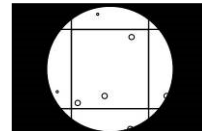
Ddamu okawanike ng'okozesa **Akaseke ka KOVA Plastics**. Teekamu **ettondo 1** erya **KOVA Stain** nga tonnaddamu kukawaniika, bwe kiba kyetaagisa, okusobola okupima obulungi.



Ng'okozesa **Akaseke ka KOVA Plastics**, kyusa sampolo ozizze mu muwaatw: ogusaliddwa ku kasenge akasonsekebawamu. Obuseke buteekemu nga butunudde awaggula bw'oba obuyingiza mu kasenge. Weewale okukwata ku kasengezo akaakula nga V ng'oggyamu amazzi. Singa obikwata obubi ng'obiggyamu biyinda okukulukuta nga biwa mu kasenge akamu ne bidda mu kalala. Okwegendereza ng'oyongeramu sampolo kiyamba okukakasa nti ebintu mu **Nkola ya KOVA** bikwatibwa mu ngeri efa ku buyonjo.

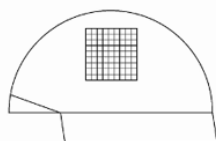


Enkola eya sampolo okukulukuta zokka ejja kusobozesa μL 6.6 eza sampolo okudda mu kasenge ka **KOVA Plastics Slide 10** ekinaavirako ebisejja okwesengejja byokka. Toddamu kukozesa bintu bya KOVA by'omaze okukozesa.



Obucu obuli mu musulo bupimire ku maanyi matono (100x). Obutaffaali bwonna bupimire ku maanyi mangi (400x). Bala obutaffaali obuli mu layini z'ekiba ekitono ekyenkanankana eky mm 0.33 (nga bwe kiragibwa). Juliza omweso okubala obutaffaali bwa buli μL ya sampolo y'omulwadde.

OMWESO



KOVA Plastics Glasstic Slide 10
ey'Asenge ak'Ebiba
Obunene bw'Asenge:
6.6 μL
Obuwanyu bw'Asenge:
0.1 mm
Ekipimo ky'Ekiba eky'Ebweru:
mm 3 x mm 3
Obunene munda mu Kiba:
0.9 μL
Obunene bw'Ekiba Ekitono:
mm 0.33 x mm 0.33
Obunene bw'Ekiba Ekitono:
0.01111 μL

Sampolo Ezirimu Obutaffaali Obutonono:

Bala omugatte gw'obutaffaali obw'ekika ekimu obuli mu biba ebitono 10 ebiri mu bitundu eby'enjawulo eby'ebiba by'obaze.

Omugatte gw'Obutaffaali	Obutaffaali / μL
1	1
2	2
3	2
4	3
5	4
6	5
7	5
8	6
9	7
10	8
11	8
12	9
13	10
14	11
15	11
16	12
17	13
18	14
19	15
20	15
21	16
22	17
23	18
24	18
25	19
26	20
27	21
28	21

Sampolo Ezirimu Obutaffaali Obungiko:

Bala omugatte gw'obutaffaali obw'ekika ekimu obuli mu biba ebitono 5 ebiri mu bitundu eby'enjawulo eby'ebiba by'obaze.

Omugatte gw'Obutaffaali	Obutaffaali / μL
5	8
6	9
7	11
8	12
9	14
10	15
11	17
12	18
13	20
14	21
15	23
16	24
17	26
18	28
19	29
20	31
21	32
22	34
23	35
24	37
25	38
30	46
35	54
40	61
45	69
50	77
60	92
70	107

WEETEGEREZE: Mu sampolo ezitaweza mL12, kendeza ku bungi bwa sampolo z'okukamula zibeere mL6 era okubiseemu ebivuddemu nga tonnaba kukozesa mweso (waggulu).

Ekika ky'Akatoffaali	Ekya bulijjo
Obutaffaali bw'Omusaayi Obulwanyu	0-4/ μL
Obutaffaali bw'Omusaayi Obumyufu	0-2/ μL

Akakuyuseemu	Kya kukebera*
4-6/ μL	> 6/ μL
2-3/ μL	> 3/ μL

Engeri y'Okubala Endala: Laga omuwendo gw'omukatti gw'obutaffaali mu buli kiba ekitono n'oluvannyuma okozese ennamba eno gy'okubisaamu okubala obutaffaali obuli mu buli μL .

KOVA PLASTICS GLASSTIC SLIDE 10 ey'Omweso ogw'Endagiri y'Okutandika Amangu

REF 87144E, 87144F, 87145E

Okubala obutoffaali / μ L nga tukozesa KOVA Plastics Glasstic Slide 10 n'Ekiba:

- Mu sampolo ezitakamuddwa oba ezitajaabuluddwa, omukkati gw'obutoffaali bw'ofunye mu buli kiba ekitono bukubiseemu x **90**.
- Mu sampolo za mL10 ezikendeezeddwa okutuuka ku mL1, omukkati gw'obutoffaali bw'ofunye mu buli kiba ekitono bukubiseemu x **9**.
- Mu sampolo za mL10 ezikendeezeddwa okutuuka ku mL0.5, omukkati gw'obutoffaali bw'ofunye mu buli kiba ekitono bukubiseemu x **4.5**.
- Mu sampolo za mL12 ezikendeezeddwa okutuuka ku mL1 (Nkola ya KOVA), omukkati gw'obutoffaali bw'ofunye mu buli kiba ekitono bukubiseemu x **7.5**.

Eky'okulabirako ky'okubala (ng'Okozesa Enkola ya KOVA mL12 ku mL1):

<u>Obutoffaali</u>	<u>Ebiba Ebibaliddwa</u>	<u>Omugatte gw'Obutoffaali</u>	<u>Omukkati gw'Obutoffaali / Ebiba</u>	<u>Nnamba x Gv'okubisaamu (7.5)</u>	<u>Obutoffaali mu buli μL ya Sampolo</u>
Obutoffaali bw'Omusaaayi					
Obulwanyi	10	5	0.5	0.5 x 7.5	3.8
Obutoffaali bw'Omusaaayi	10	14	1.4	1.4 x 7.5	10.5
Obumyufu					

* Ekijuliziddwa: Aiken, C. D. and Sokeland, J. (1983). Urologie. Thiems, Stuttgart, Ninth Edition, lup.79

KOVA PLASTICS GLASSTIC SLIDE 10 ey'Omwezo ogw'Endagiro y'Okutandika Amangu

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OMWESO SAMPOLO Z'OMUSULO OBA EBIKEBERWA EBIGGYIBWA KU MUNTU EZITAJEEBUDDWA, EZITAKAMUDDWA

SAMPOLO EZIRIMU OBUTOFFAALI OBUTONO

Bala omugatte gw'obutofaali obw'ekika ekimu obuli mu biba ebitono 36 oba ebitundu 4 ebijuvu eby'ebiba by'obaze.

Omugatte gw'Obutofaali	Obutofaali/μL	Obutofaali/mL
1	3	2,500
2	5	5,000
3	8	7,500
4	10	10,000
5	13	12,500
6	15	15,000
7	18	17,500
8	20	20,000
9	23	22,500
10	25	25,000
11	28	27,500
12	30	30,000
13	33	32,500
14	35	35,000
15	38	37,500
16	40	40,000
17	43	42,500
18	45	45,000
19	48	47,500
20	50	50,000
25	63	62,500
30	75	75,000
40	100	100,000
50	126	125,500

Engeri y'Okubala Endala:

Kubisaamu 90 mu mukati gw'obutofaali ogwa buli kiba ekitono okufuna obutofaali bwa buli μL; kubisaamu 90,000 okufuna obutofaali bwa buli mL.

SAMPOLO EZIRIMU OBUTOFFAALI OBUNGI

Bala omugatte gw'obutofaali obw'ekika ekimu obuli mu biba ebitono 10 mu bitundu eby'enjawulo eby'ebiba by'obaze.

Omugatte gw'Obutofaali	Obutofaali/μL	Obutofaali/mL
1	9	9,000
2	18	18,000
3	27	27,000
4	36	36,000
5	45	45,000
6	54	54,000
7	63	63,000
8	72	72,000
9	81	81,000
10	90	90,000
20	180	180,000
25	225	225,000
30	270	270,000
35	315	315,000
40	360	360,000
50	450	450,000
60	540	540,000
70	630	630,000
80	720	720,000
90	810	810,000
100	900	900,000
150	1350	1,350,000
200	1800	1,800,000
250	2250	2,250,000

Engeri y'Okubala Endala:

Kubisaamu 90 mu mukati gw'obutofaali ogwa buli kiba ekitono okufuna obutofaali bwa buli μL; kubisaamu 90,000 okufuna obutofaali bwa buli mL.

ENERGI EY'OKUBALA AMAZZI G'OMUBIRI AGAJEEBUDDWA:

Obutofaali / μL = Omukati gw'omuwendo gw'obutofaali mu buli kiba ekitono x 90 (nnamba gy'okubisaamu) x okujaabulula okugeza, Amazzi g'oku mugongo agajeebuddwa 1:10; omugatte gwa RBC 50 ezibaliddwa mu biba ebitono 10

$$\text{RBC}/\mu\text{L} = \frac{\text{Obutofaali } 50}{\text{ebiba } 10} \times 90 (\text{gy'okubisaamu}) \times 10 (\text{enjaabulula})$$

$$= 5 \times 900 = 4,500 \text{ RBC's}/\mu\text{L}$$

okugeza, Amazzi g'ekisajja agajeebuddwa 1:20; omugatte gwa nkwaso 150 nga zibaliddwa mu biba ebitono 5

$$\text{Enkwaso}/\mu\text{L} = \frac{150}{5} \times 90 (\text{gy'okubisaamu}) \times 20 (\text{enjaabulula})$$

$$= 30 \times 1800 = \text{enkwaso } 54,000/\mu\text{L}$$



OMUGATTE GW'OMUWENDO GW'OBUTAFFAALI OGWA BULIJO GUBEERA ⁽¹⁾

AMAZZI	EKIKA KY'AKATOFFAALI	EKYA BULIJO	EKITALI KYA BULIJO	AMAZZI	EKIKA KY'AKATOFFAALI	EKYA BULIJO	EKITALI KYA BULIJO
Omusulo (2)	Obutofaali bw'Omusaayi Obulwany Obutofaali bw'Omusaayi Obumyufu	0-6/μL 0-3/μL	> 6/μL > 3/μL	Ennyingo	Obutofaali bw'Omusaayi Obulwany Obutofaali bw'Omusaayi Obumyufu	< 200/μL < 2,000/μL	> 200/μL > 2,000/μL
CSF (Mu Muntu Akuzi)	Obutofaali bw'Omusaayi Obulwany	0-5/μL	> 5/μL	Akasusu k'Ekifuba Mutima	Obutofaali bw'Omusaayi Obulwany	< 1,000/μL < 1,000/μL	> 1,000/μL > 1,000/μL
Amazzi g'ekisajja	Enkwaso	40,000/μL - 160,000/μL	< 40,000/μL	Akasusu k'oku Lubuto	Obutofaali bw'Omusaayi Obulwany Obutofaali bw'Omusaayi Obumyufu	< 300/μL < 100,000/μL	> 300/μL > 100,000/μL

Ebiwandiko ebijuliziddwa: (1) Strasinger, S. K. (1985) *Urinalysis and Body Fluids*, F. A. Davis, Philadelphia • (2) Alken, C. D., and Sokeland, J. (1983) *Urologie*, Thiems, Stuttgart, Ninth Edition, pg. 79