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## LAMPIRAN I



**Gambar 3.** Foto spons *Xestospongia testudinaria*

### **Klasifikasi spons**

- Kerajaan : Animalia  
Filum : Porifera  
Class : Demospongia  
Ordo : Haplosclerida  
Famili : Petrosiidae  
Genus : Xestospongia  
Spesies : *Xestospongia testudinaria*

## LAMPIRAN II

### PERHITUNGAN IC<sub>50</sub> EKSTRAK METANOL *Xestospongis testudinaria*

Persamaan garis linear :

$$y = a + bx$$

y = Persentase penghambatan parasitemia

x = Log-konsentrasi ekstrak metanol *Xestospongis testudinaria*

a = Intersep

b = Kemiringan

Berdasarkan hasil perhitungan diperoleh :

$$a = 3,9376$$

$$b = 0,7433$$

Sehingga diperoleh persamaan regresi :

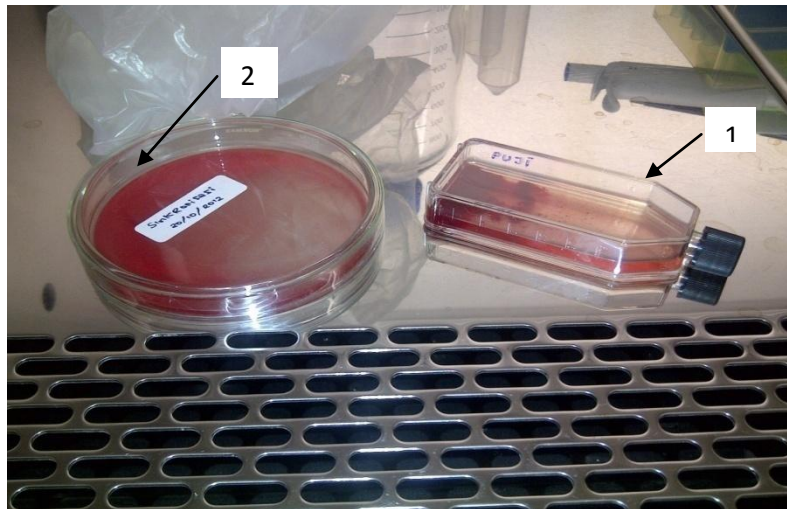
$$y = 3,9376 + 0,7433x$$

$$\text{Sehingga IC}_{50} \text{ } y = 5, \text{ maka } x = \frac{5 - 3,9376}{0,7433} = 1,4293$$

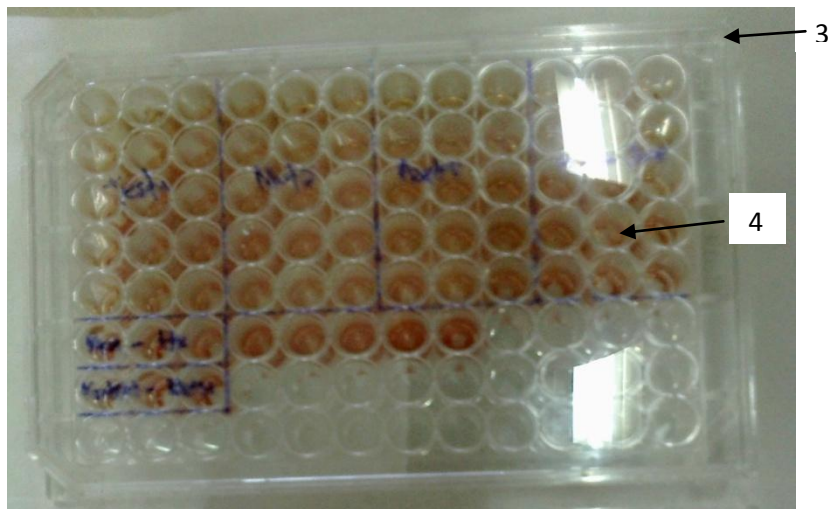
$$\text{Anti log } 1,4293 = 26,87 \text{ } \mu\text{g/ml}$$

## LAMPIRAN III

### Dokumentasi pengerjaan



**Gambar 4.** Suspensi parasit dari Lembaga *Eijkman*



**Gambar 5.** Pengujian uji in vitro pada sumuran 96

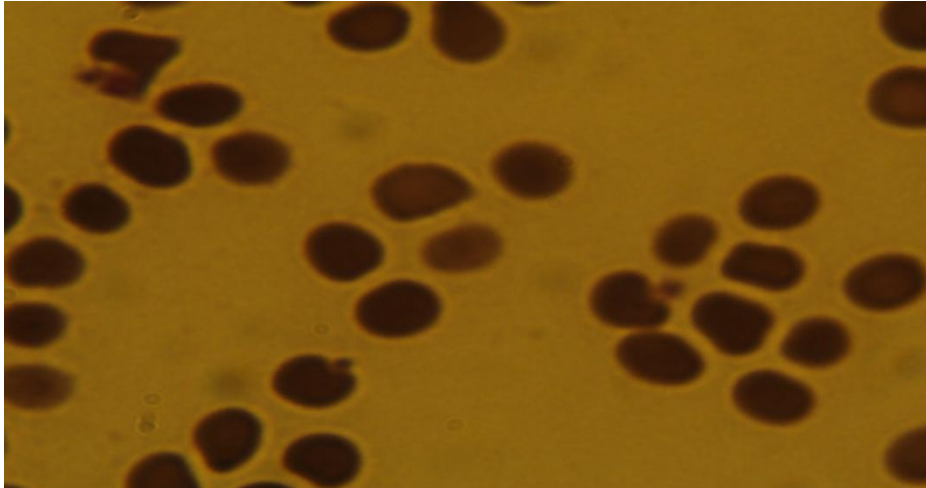
#### Keterangan :

1. *Cultur flask* atau wadah kultur
2. Suspensi parasit *P. falciparum*
3. Sumuran 96
4. Ekstrak spons *Xestospongia testudinaria* + Suspensi *P. falciparum*

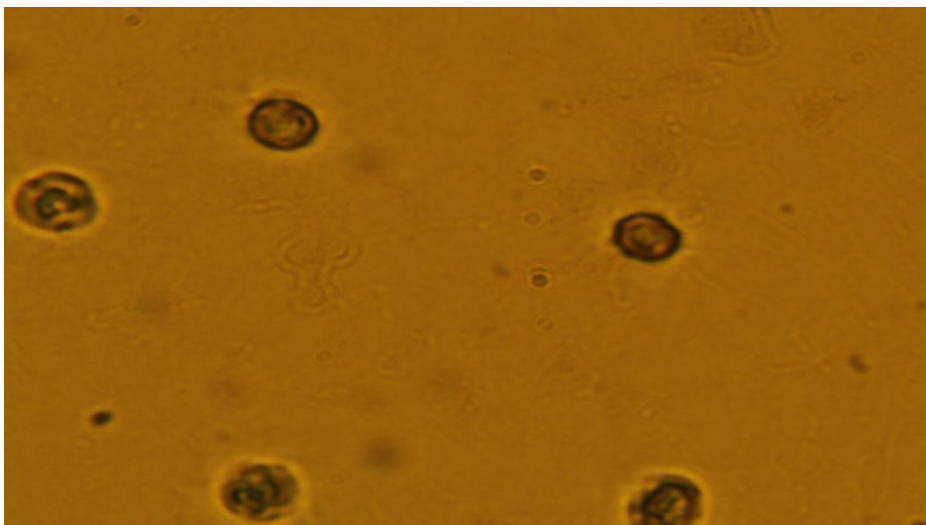


## LAMPIRAN IV

### Dokumentasi hasil penelitian



**Gambar 6.** Sel darah merah utuh



**Gambar 7.** Sel darah merah terinfeksi