

**EFEK DARAPLADIB TERHADAP KADAR OXIDIZED LDL (OX-LDL)
PLASMA PADA TIKUS SPRAGUE-DAWLEY YANG DIBERI HIGH FAT
DIET**

TUGAS AKHIR

**Untuk Memenuhi Persyaratan
Memperoleh Gelar Sarjana Kedokteran Umum**



**Oleh :
Patan Ahmad Setiabudi
NIM: 125070100111072**

**PROGRAM STUDI PENDIDIKAN DOKTER
FAKULTAS KEDOKTERAN
UNIVERSITAS BRAWIJAYA
MALANG
2015**

DAFTAR ISI

HALAMAN PENGESAHAN **ERROR! BOOKMARK NOT DEFINED.**

KATA PENGANTAR..... **ERROR! BOOKMARK NOT DEFINED.**

ABSTRAK **ERROR! BOOKMARK NOT DEFINED.**

ABSTRACT **ERROR! BOOKMARK NOT DEFINED.**

DAFTAR ISI 70

DAFTAR GAMBAR **ERROR! BOOKMARK NOT DEFINED.**

DAFTAR TABEL **ERROR! BOOKMARK NOT DEFINED.**

DAFTAR LAMPIRAN..... **ERROR! BOOKMARK NOT DEFINED.**

DAFTAR SINGKATAN **ERROR! BOOKMARK NOT DEFINED.**

BAB 1 PENDAHULUAN **ERROR! BOOKMARK NOT DEFINED.**

1.1 Latar Belakang **Error! Bookmark not defined.**

1.2 Rumusan Masalah..... **Error! Bookmark not defined.**

1.3 Tujuan dan Manfaat..... **Error! Bookmark not defined.**

1.3.1. Tujuan Umum..... **Error! Bookmark not defined.**

1.3.2. Manfaat akademis **Error! Bookmark not defined.**

1.3.3. Manfaat Praktis **Error! Bookmark not defined.**

BAB 2 TINJAUAN PUSTAKA **ERROR! BOOKMARK NOT DEFINED.**

2.1 Aterosklerosis **Error! Bookmark not defined.**

2.1.1 Definisi Aterosklerosis .. **Error! Bookmark not defined.**

2.1.2 Epidemiologi Aterosklerosis **Error! Bookmark not defined.**

2.1.3 Etiologi Aterosklerosis .**Error! Bookmark not defined.**

2.1.4 Faktor Risiko Aterosklerosis**Error! Bookmark not defined.**

2.1.5 Patogenesis aterosklerosis**Error! Bookmark not defined.**

2.1.6. Manifestasi Klinis dan Penyakit Akibat Aterosklerosis**Error!**

Bookmark not defined.

2.2 Dislipidemia**Error! Bookmark not defined.**

2.2.1 Definisi dan Epidemiologi Dislipidemia.**Error! Bookmark not defined.**

2.2.2. Etiologi Dislipidemia**Error! Bookmark not defined.**

2.2.3. Patogenesis Dislipidemia**Error! Bookmark not defined.**

2.2.4. Terapi Dislipidemia**Error! Bookmark not defined.**

2.3. Dislipidemia sebagai Faktor Risiko Aterosklerosis**Error! Bookmark not defined.**

2.4. Oxidized Low-Density Lipoprotein (Ox-LDL plasma).**Error! Bookmark not defined.**

2.4.1. Definisi Ox-LDL plasma**Error! Bookmark not defined.**

2.4.2. Pembentukan Ox-LDL plasma.**Error! Bookmark not defined.**

2.4.3. Hubungan Ox-LDL plasma dan Aterosklerosis**Error! Bookmark not defined.**

2.4.4. Pengukuran Kadar Ox-LDL plasma**Error! Bookmark not defined.**

2.5. *Lipoprotein-associated phospholipase A2 (Lp-PLA₂)* dan Darapladib sebagai Inhibitor Lp-PLA₂.**Error! Bookmark not defined.**

2.6. Pembuatan Model Dislipidemia..Error! Bookmark not defined.

2.6.1. Tikus Sprague-Dawley Error! Bookmark not defined.

2.6.2. HFD (*High Fat Diet*).....Error! Bookmark not defined.

BAB 3 KERANGKA KONSEP DAN HIPOTESISERROR! BOOKMARK NOT DEFINED.

3.1 Kerangka KonsepError! Bookmark not defined.

3.2. Penjelasan Kerangka Konsep....Error! Bookmark not defined.

3.3. Hipotesis.....Error! Bookmark not defined.

BAB 4 METODE PENELITIANERROR! BOOKMARK NOT DEFINED.

4.1 Jenis Penelitian/DesainError! Bookmark not defined.

4.2 Sampel Penelitian.....Error! Bookmark not defined.

4.3 VariabelError! Bookmark not defined.

4.4 Lokasi dan Waktu Penelitian.....Error! Bookmark not defined.

4.5 Alat dan Bahan.....Error! Bookmark not defined.

4.6 Definisi Operasional.....Error! Bookmark not defined.

4.7 Prosedur PenelitianError! Bookmark not defined.

4.7.1. Pengurusan Administrasi:Error! Bookmark not defined.

4.7.2. Aklimatisasi dan Pengelompokan Hewan Coba:Error! Bookmark
not defined.

4.7.3. Perlakuan:Error! Bookmark not defined.

4.7.4. Pembedahan Tikus:Error! Bookmark not defined.

4.7.5. Pengukuran Level Ox-LDL plasma dengan menggunakan metode
ELISA.....Error! Bookmark not defined.

4.7.6. Analisis Data:**Error! Bookmark not defined.**

4.8 Alur Penelitian**Error! Bookmark not defined.**

BAB 5 HASIL PENELITIAN DAN HASIL ANALISIS DATA**ERROR! BOOKMARK NOT DEFINED.**

5.1. Hasil Penelitian.....**Error! Bookmark not defined.**

5.1.1 Pengukuran Intake Pakan Tikus**Error! Bookmark not defined.**

5.1.2 Pengukuran Berat Badan Tikus**Error! Bookmark not defined.**

5.1.3 Pengukuran Profil Lipid Tikus**Error! Bookmark not defined.**

5.2 Analisis Data.....**Error! Bookmark not defined.**

5.2.1 Analisis Deskriptif**Error! Bookmark not defined.**

5.2.2 Analisis Bivariat.....**Error! Bookmark not defined.**

BAB 6 PEMBAHASAN.....**ERROR! BOOKMARK NOT DEFINED.**

6.1 HFD sebagai pemicu terjadinya kondisi Dislipidemia**Error! Bookmark not defined.**

6.2 Kadar Ox-LDL plasma pada Kelompok Tikus *Sprague-Dawley* yang diberi Diet Standar.....**Error! Bookmark not defined.**

6.3 Kadar Ox-LDL plasma pada Kelompok Tikus *Sprague-Dawley* yang diberi *High Fat Diet* (HFD)**Error! Bookmark not defined.**

6.4 Kadar Ox-LDL plasma pada Kelompok Tikus *Sprague-Dawley* yang diberi *High Fat Diet* (HFD) dan Darapladib**Error! Bookmark not defined.**

6.5 Hasil Analisis Perbedaan Kadar Ox-LDL plasma pada Masing-masing Kelompok Perlakuan.....**Error! Bookmark not defined.**

6.6 Implikasi Terhadap Bidang Kedokteran**Error! Bookmark not defined.**

6.7 Keterbatasan Penelitian.....**Error! Bookmark not defined.**

BAB 7 KESIMPULAN DAN SARAN...ERROR! BOOKMARK NOT DEFINED.

7.1 Kesimpulan.....**Error! Bookmark not defined.**

7.2 Saran.....**Error! Bookmark not defined.**

DAFTAR PUSTAKAERROR! BOOKMARK NOT DEFINED.

LAMPIRANERROR! BOOKMARK NOT DEFINED.

