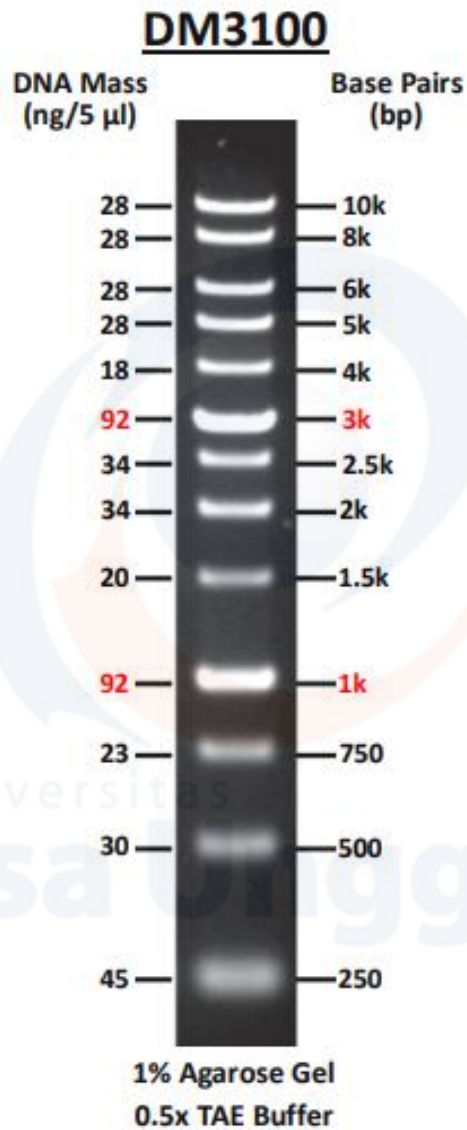


LAMPIRAN

Lampiran 1. Ukuran DNA Marker



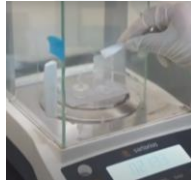
Ukuran marker DNA Smobio1 kb dan 1% agarose (Smobio, n.d.).

Lampiran 2. Konsentrasi DNA plasmid

Tabel 1.1 Konsentrasi DNA Plasmid Hasil Isolasi

Nama	Konsentrasi (ng/μl)	Å A260/A280
WT1 Elusi 1	141	1,812
WT2 Elusi 1	99,5	1,952
WT3 Elusi 1	262	1,964
WT4 Elusi 1	279	1,983
WT5 Elusi 1	277	2,000
MT1 Elusi 1	189	2,053
MT2 Elusi 1	260	1,981
MT3 Elusi 1	160	2,000
MT4 Elusi 1	260	1,981
MT5 Elusi 1	294	1,952
WT1 Elusi 2	102	2,100
WT2 Elusi 2	63,1	2,167
WT3 Elusi 2	189	1,950
WT4 Elusi 2	172	1,972
WT5 Elusi 2	148	1,968
MT1 Elusi 2	60,7	2,500
MT2 Elusi 2	87,4	2,118
MT3 Elusi 2	51,0	2,100
MT4 Elusi 2	124	2,040
MT5 Elusi 2	117	2,000

Lampiran 3. Alat yang Digunakan dalam Penelitian



Timbangan analitik
AGM Medica



Mikrosentrifus Gene
Mate



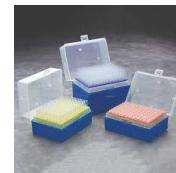
Autoklaf All American
75X



Vortex Biosan



Mikropipet
(0.5-10 μ l, 0.2-20 μ l,
20-200 μ l, 100-1000 μ l)



Microtips set
(10 μ l, 100 μ l, 1000 μ l),



Laminar Air Flow
Cabinet ESCO



Incubator shaker
Brunswick Model G-25



Heat bloc Biosan



Centrifuge Himac



Elektroforesis chamber
Mupid-exu,



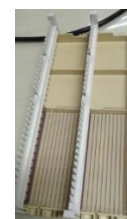
UV Transilluminator MS
major science



NanoPhotometer
IMPLEN™



Real Time PCR Bio-rad



sisir pembentuk sumur
& gel tray



PD coloumn



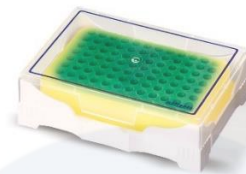
Oven



PCR tube



Rak PCR tube



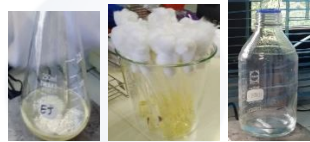
PCR cooler



iced box



Pinset & spatula

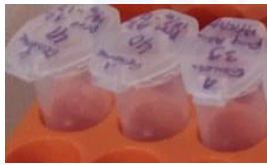


Erlenmeyer, gelas ukur,
tabung reaksi, botol
laboratorium



Rak tabung reaksi

Lampiran 4. Bahan yang Digunakan Dalam Penelitian



DNA kanker payudara pasien Sumatera Barat



Alkohol 70%,



DNA marker & loading buffer,



Kit TOYOBO Thunderbird SYBR qPCR



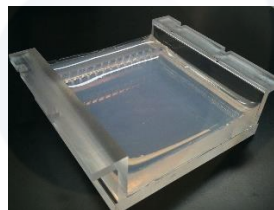
TE buffer pH 7.5



Buffer TAE 1X



Larutan EtBr



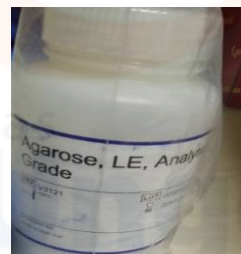
Jelly agarose 1%,



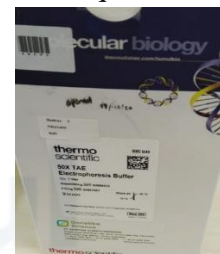
Aquades



Tryptone, yeast extract, NaCl



Bubuk agarose



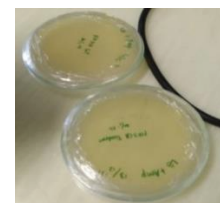
Buffer TAE 50X



Presto™ Mini Plasmid Kit (Geneid).



Invitrogen PureLink Genomic DNA Mini Kit



E. Coli P Gemt WT (Wild type) & *E. Coli* P GemT MT (Mutant),