


## LAMPIRAN 1

No	KODE SAMPEL	PEMERIKSAAN	HASIL
1	Sampel A	HAEMOGLOBIN	14,7
2	Sampel B	HAEMOGLOBIN	15,1
3	Sampel C	HAEMOGLOBIN	11,6
4	Sampel D	HAEMOGLOBIN	13,8
5	Sampel E	HAEMOGLOBIN	15,7
6	Sampel F	HAEMOGLOBIN	12,6
7	Sampel G	HAEMOGLOBIN	15,1
8	Sampel H	HAEMOGLOBIN	13,7
9	Sampel I	HAEMOGLOBIN	16,1
10	Sampel J	HAEMOGLOBIN	14,5
11	Sampel K	HAEMOGLOBIN	12,8
12	Sampel L	HAEMOGLOBIN	16,6
13	Sampel M	HAEMOGLOBIN	11,9
14	Sampel N	HAEMOGLOBIN	13,1
15	Sampel O	HAEMOGLOBIN	15,7

Pemeriksa,  
  
KOTA BATU  
Anggun



PEMERINTAH KABUPATEN SUMENEP  
DINAS KESEHATAN

**UPT. PUSKESMAS MANDING**

JL. Raya Manding, Telp. (0328) 674045

**M A N D I N G**

Kode Pos 69452

NO	SAMPEL	KADAR HB
<b>1</b>	<b>2</b>	<b>3</b>
1	Sampel A	10,8
2	Sampel B	11,5
3	Sampel C	11,6
4	Sampel D	10,1
5	Sampel E	9,0
6	Sampel F	12,0
7	Sampel G	11,0
8	Sampel H	10,9
9	Sampel I	10,1
10	Sampel J	9,3
11	Sampel K	12,0
12	Sampel L	11,0
13	Sampel M	12,2
14	Sampel N	10,3
15	Sampel O	10,9

Pemeriksa,



**Istik Nuril Qomari, Amd. AK**

NIP. 19811124 200501 2 013



UNIVERSITAS MUHAMMADIYAH SURABAYA  
**FAKULTAS ILMU KESEHATAN**

Program Studi : Keperawatan S1 dan D3 - Analis Kesehatan D3 - Kebidanan D3

Jln. Sutorejo No. 59 Surabaya - 60113, Telp. (031) 3811966 - 3811967, 3890175 Fax. (031) 3811967

Nomor : 200/ II.3.AU/ F / FIK / 2013  
Tempiran : -  
Perihal : Permohonan Ijin Pengambilan Sampel

Kepada Yth.  
Bakesbangpol & Linmas Kota Batu  
Di  
Tempat.

Assalamu'alaikum Wr.Wb.

Sehubungan dengan tugas mata kuliah Hematologi bagi mahasiswa D3 Analis Kesehatan Fakultas Ilmu Kesehatan UMSurabaya Tingkat III semester VI. Dengan ini kami mohon agar Bapak / Ibu memberikan kesempatan pada mahasiswa kami untuk mengambil sampel darah di Desa Sebaluh Pandesari Kec. Pujon Batu untuk keperluan Karya Tulis Ilmiah (KTI).

Adapun Mahasiswa yang mewakili adalah sebagai berikut :

1. Nama : Devita Prati Dinia  
NIM : 10.012

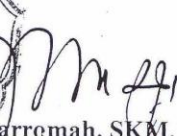
Demikian permohonan ijin, atas perhatian dan kerjasama yang baik kami sampaikan terima kasih.

Wassalamu'alaikum Wr.Wb.



Surabaya, 6 Mei 2013

Dekan

  
Nur Mukarromah, SKM, M Kes  
NIK : 0129721122

Revisi :

1. Kepala Dinas Kesehatan Kota Batu
2. Kepala Desa Sebaluh Pandesari Kec. Pujon Batu



UNIVERSITAS MUHAMMADIYAH SURABAYA  
**FAKULTAS ILMU KESEHATAN**

Program Studi : Keperawatan S1 dan D3 - Analis Kesehatan D3 - Kebidanan D3

Jln. Sutorejo No. 59 Surabaya - 60113. Telp. (031) 3811966 - 3811967, 3890175 Fax. (031) 3811967

Nomor : 550.16/ II.3.AU/ F / FIK / 2013  
Lampiran : -  
Perihal : Permohonan Ijin Pengambilan Sampel

Kepada Yth.  
Kepala Bakesbangpo! & Linmas Kab Sumenep  
Di  
Tempat.

Assalamu'alaikum Wr.Wb.

Sehubungan dengan tugas mata kuliah Hematologi bagi mahasiswa D3 Analis Kesehatan Fakultas Ilmu Kesehatan UMSurabaya Tingkat III semester VI. Dengan ini kami mohon agar Bapak / Ibu memberikan kesempatan pada mahasiswa kami untuk mengambil sampel darah di Desa Pasongsongan Kab. Sumenep untuk keperluan KTI.

Adapun Mahasiswa yang mewakili adalah sebagai berikut :

1. Nama : Devita Prati Dinia  
NIM : 10.012

Demikian permohonan kami atas kebijaksanaan dan kerjasama Bapak / Ibu kami sampaikan terima kasih.

Wassalamu'alaikum Wr.Wb.

Surabaya, 26 April 2013  
Dekan  
  
**Nur Mukarromah, SKM, M Kes**





PEMERINTAH KABUPATEN SUMENEP  
DINAS KESEHATAN  
**UPT. PUSKESMAS MANDING**  
JL.Raya Manding, Telp. (0328) 674045  
**MANDING**

Kode Pos 69452

Manding, 18 Mei 2013

Kepada

No. : 800 / 321 / 435.102.104 / 2013  
Sifat : Penting  
Lampiran : -  
Perihal : Ijin Penelitian/ Survey/Research.


Yth. Direktur Univ. Muhammadiyah  
Fakultas Kesehatan  
di **SURABAYA**

Dengan ini diberitahukan bahwa kami tidak keberatan atas permohonan Saudara Mahasiswa yang akan mengadakan Penelitian di UPT. Puskesmas Manding Kecamatan Manding Kabupaten Sumenep sebagai berikut :

Nama : **DEVITA PRATI DINIA**  
N I M : 10012  
Program Studi : D3 Analis Kesehatan  
Tema / Topik : **“Perbedaan Kadar Hemoglobin Penduduk Daerah Dataran Tinggi Dengan Penduduk Daerah Dataran Rendah”.**

Demikian untuk menjadi maklum dan terima kasih.

Kepala UPT. Puskesmas Manding  
Kecamatan Manding



*[Handwritten Signature]*  
**dr. DARMAWAN EKO SETYANTO**  
Penata  
NIP. 19760930 200604 1 013

```
T-TEST GROUPS=Keterangan_(1 2)
/MISSING=ANALYSIS
/VARIABLES=Kadar_Hb_
/CRITERIA=CI(.9500).
```

## T-Test

		Notes	
Output Created			28-Mei-2013 10:25:05
Comments			
Input	Active Dataset	DataSet0	
	Filter	<none>	
	Weight	<none>	
	Split File	<none>	
	N of Rows in Working Data		30
	File		
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.	
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.	
Syntax		T-TEST GROUPS=Keterangan_(1 2) /MISSING=ANALYSIS /VARIABLES=Kadar_Hb_ /CRITERIA=CI(.9500).	
Resources	Processor Time		00:00:00,000
	Elapsed Time		00:00:00,000

[DataSet0]

**Group Statistics**

Keterangan_	N	Mean	Std. Deviation	Std. Error Mean
Kadar_Hb_ Hb dataran tinggi	15	14,200	1,5588	,4025
Hb dataran rendah	15	10,847	,9546	,2465

**Independent Samples Test**

		Levene's Test for Equality of Variances	
		F	Sig.
Kadar_Hb_ Equal variances assumed		5,773	,023
Equal variances not assumed			

**Independent Samples Test**

		t-test for Equality of Means			
		t	df	Sig. (2-tailed)	Mean Difference
Kadar_Hb_ Equal variances assumed		7,105	28	,000	3,3533
Equal variances not assumed		7,105	23,205	,000	3,3533

**Independent Samples Test**

		t-test for Equality of Means		
		Std. Error Difference	95% Confidence Interval of the Difference	
			Lower	Upper
Kadar_Hb_ Equal variances assumed		,4720	2,3866	4,3201
Equal variances not assumed		,4720	2,3775	4,3292

```

EXAMINE VARIABLES=Kadar_Hb_Dataran_Tinggi Kadar_Hb_Dataran_Rendah
/PLOT BOXPLOT STEMLEAF NPLOT
/COMPARE GROUP
/STATISTICS DESCRIPTIVES
/CINTERVAL 95
/MISSING LISTWISE
/NOTOTAL.

```

## Explore

### Notes

Output Created		28-Mei-2013 10:19:24
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data	30
	File	
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		EXAMINE VARIABLES=Kadar_Hb_Dataran_Tinggi Kadar_Hb_Dataran_Rendah /PLOT BOXPLOT STEMLEAF NPLOT /COMPARE GROUP /STATISTICS DESCRIPTIVES /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:02,231
	Elapsed Time	00:00:02,153

[DataSet0]



## Explore

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Kadar_Hb_Dataran_Tinggi	15	50,0%	15	50,0%	30	100,0%
Kadar_Hb_Dataran_Rendah	15	50,0%	15	50,0%	30	100,0%

Descriptives

		Statistic	Std. Error
Kadar_Hb_Dataran_Tinggi	Mean	14,200	,4025
	95% Confidence Interval for Mean		
	Lower Bound	13,337	
	Upper Bound	15,063	
	5% Trimmed Mean	14,211	
	Median	14,500	
	Variance	2,430	
	Std. Deviation	1,5588	
	Minimum	11,6	
	Maximum	16,6	
	Range	5,0	
	Interquartile Range	2,9	
	Skewness	-,197	,580
Kurtosis	-1,102	1,121	
Kadar_Hb_Dataran_Rendah	Mean	10,847	,2465
	95% Confidence Interval for Mean		
	Lower Bound	10,318	
	Upper Bound	11,375	
	5% Trimmed Mean	10,874	
	Median	10,900	
	Variance	,911	
	Std. Deviation	,9546	
	Minimum	9,0	
	Maximum	12,2	
Range	3,2		

Interquartile Range	1,5
Skewness	-,448 ,580
Kurtosis	-,400 1,121

#### Tests of Normality

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Kadar_Hb_Dataran_Tinggi	,118	15	,200 <sup>*</sup>	,960	15	,693
Kadar_Hb_Dataran_Rendah	,147	15	,200 <sup>*</sup>	,950	15	,520

a. Lilliefors Significance Correction

\*. This is a lower bound of the true significance.

### Kadar\_Hb\_Dataran\_Tinggi

Kadar\_Hb\_Dataran\_Tinggi Stem-and-Leaf Plot

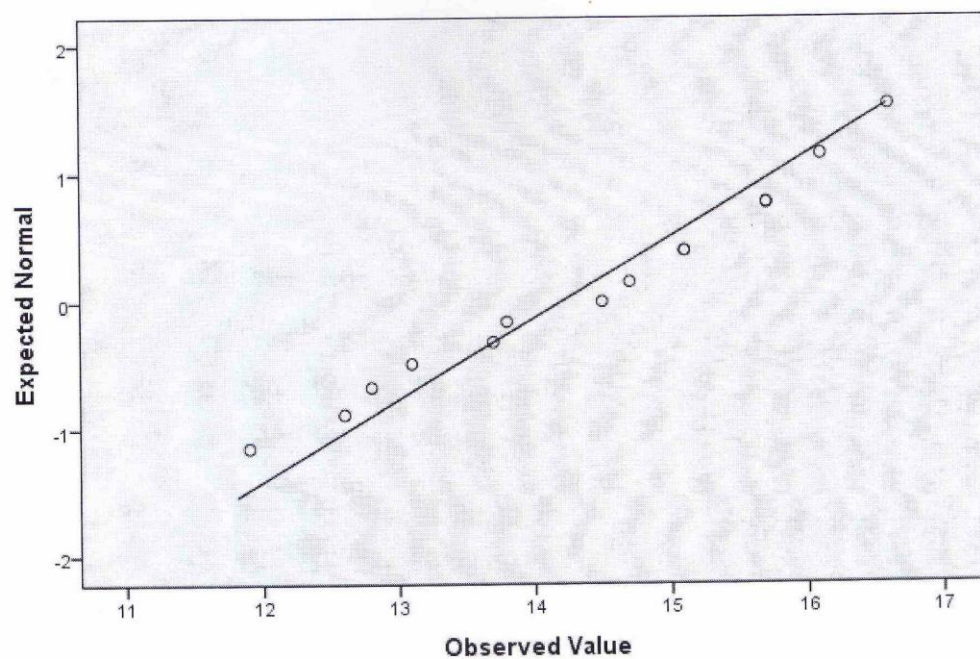
```

Frequency   Stem & Leaf
  2,00      11 . 69
  2,00      12 . 68
  3,00      13 . 178
  2,00      14 . 57
  4,00      15 . 1177
  2,00      16 . 16

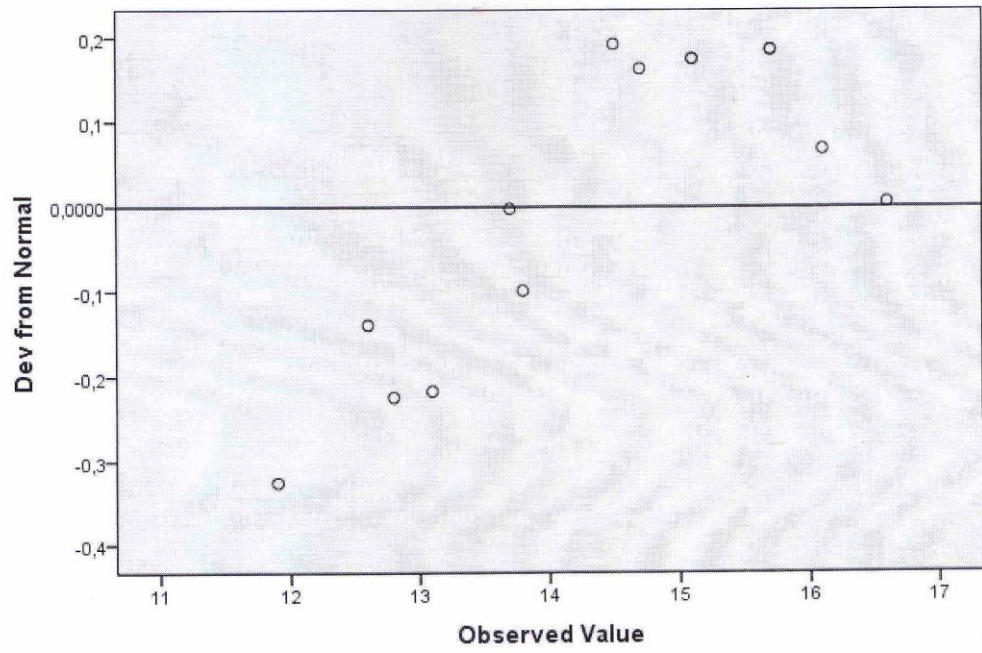
```

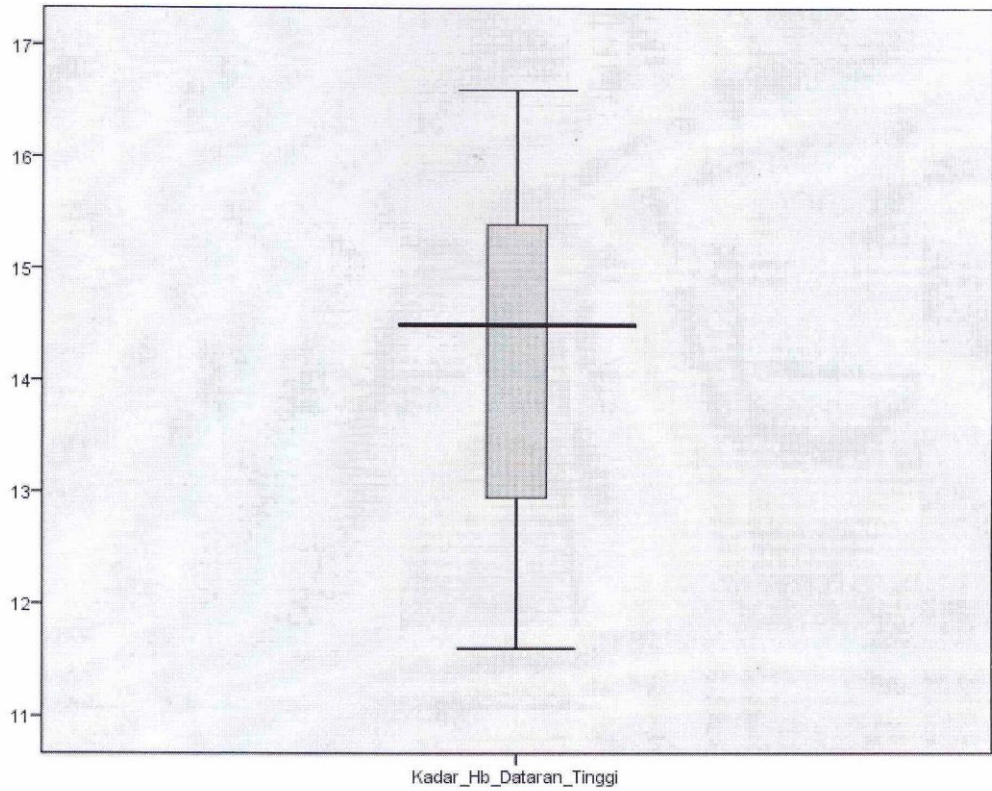
Stem width: 1,0  
Each leaf: 1 case(s)

Normal Q-Q Plot of Kadar\_Hb\_Dataran\_Tinggi



Detrended Normal Q-Q Plot of Kadar\_Hb\_Dataran\_Tinggi





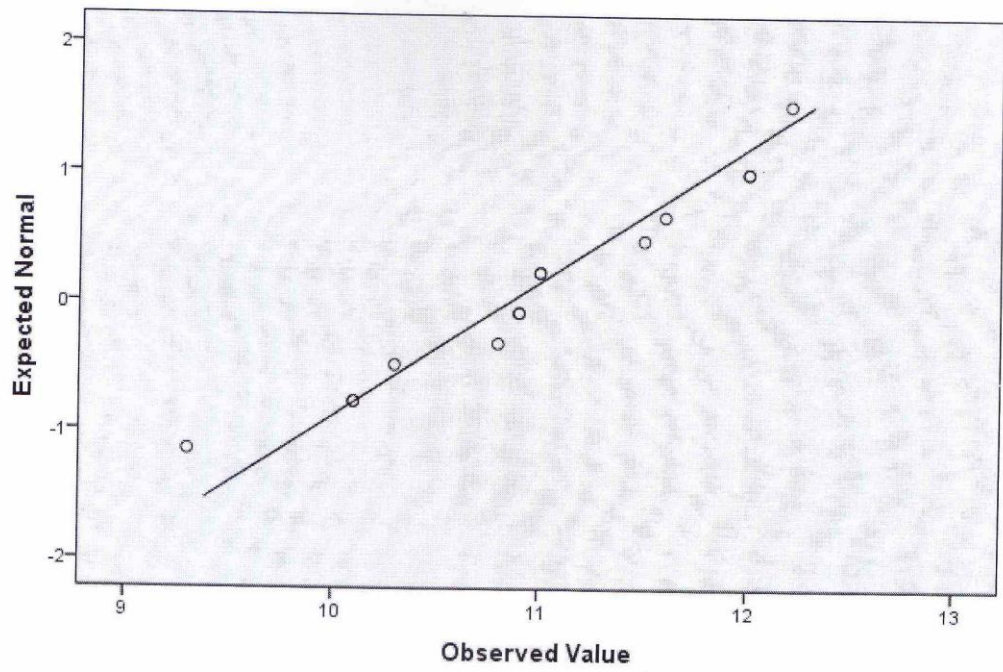
### Kadar\_Hb\_Dataran\_Rendah

Kadar\_Hb\_Dataran\_Rendah Stem-and-Leaf Plot

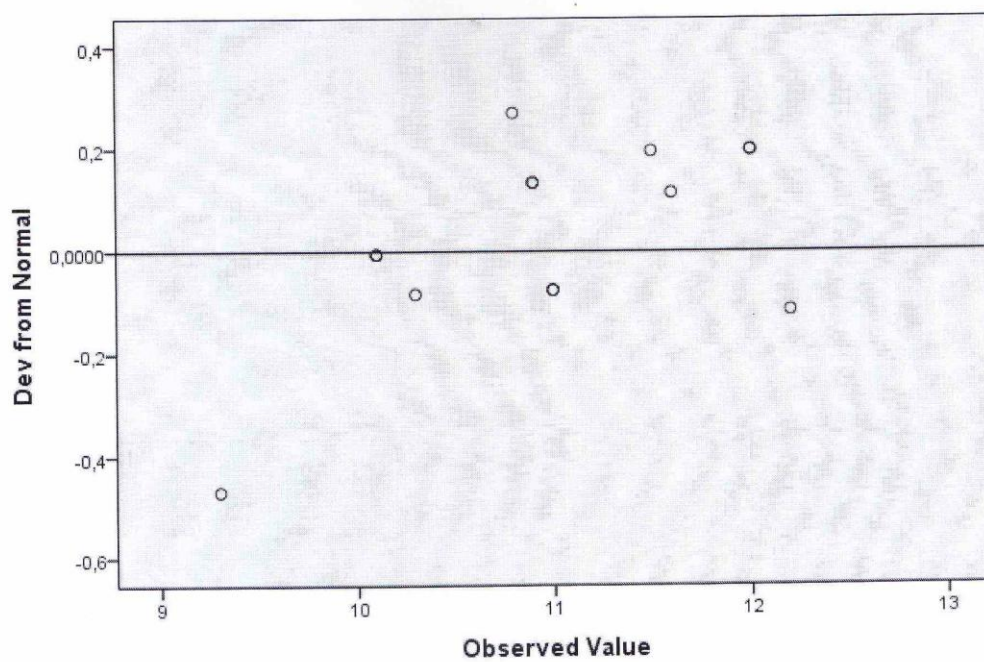
Frequency	Stem & Leaf
2,00	9 . 03
,00	9 .
3,00	10 . 113
3,00	10 . 899
2,00	11 . 00
2,00	11 . 56
3,00	12 . 002
Stem width:	1,0
Each leaf:	1 case(s)

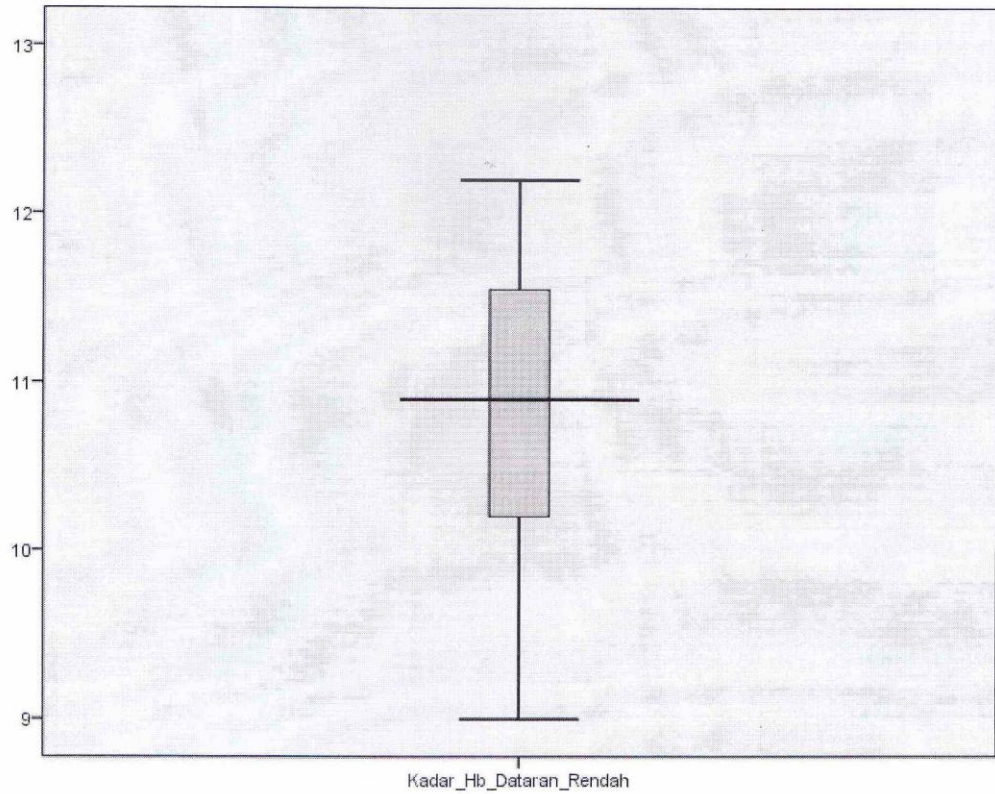


Normal Q-Q Plot of Kadar\_Hb\_Dataran\_Rendah



Detrended Normal Q-Q Plot of Kadar\_Hb\_Dataran\_Rendah





```

NPAR TESTS
  /K-S(NORMAL)=Kadar_Hb_Dataran_Tinggi Kadar_Hb_Dataran_Rendah
  /MISSING ANALYSIS.

```

### NPar Tests

#### Notes

Output Created	28-Mei-2013 10:20:39	
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data	30

Missing Value Handling	File Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax		NPART TESTS  /K-S(NORMAL)=Kadar_Hb_Dataran_Tinggi Kadar_Hb_Dataran_Rendah /MISSING ANALYSIS.
Resources	Processor Time	00:00:00,000
	Elapsed Time	00:00:00,000
	Number of Cases Allowed <sup>a</sup>	157286

a. Based on availability of workspace memory.

[DataSet0]

#### One-Sample Kolmogorov-Smirnov Test

		Kadar_Hb_Data ran_Tinggi	Kadar_Hb_Data ran_Rendah
N		15	15
Normal Parameters <sup>a</sup>	Mean	14,200	10,847
	Std. Deviation	1,5588	,9546
Most Extreme Differences	Absolute	,118	,147
	Positive	,093	,103
	Negative	-,118	-,147
Kolmogorov-Smirnov Z		,458	,570
Asymp. Sig. (2-tailed)		,985	,901

a. Test distribution is Normal.

## DOKUMENTASI PENELITIAN



**Gambar alat spektrofotometer 300**



**Pengambilan sampel di dataran rendah**



**Pengambilan sampel di dataran tinggi**