DB

Quality requirements for synthetic gene

					I
					II
1					
2					
3					
	3. 1				
	3. 2				
4					
	4. 1				
	4. 2		DNA		
	4. 3	D.17.4	DNA		
~	4. 4	DNA			3
5	r 1		DMA		
	5. 1		DNA		3
	5. 2		DNA		4
	<ul><li>5. 3</li><li>5. 4</li></ul>				4
	5. 5				4
	5. 6				
6	5. 0	DNA			4
U	6. 1	חות			
	6. 2				
7	0. ~				
•		A			
					6
		В		DNA	8
		C		DNA	9

DNA

GB/T 6682 GB/T 19495. 1 GB/T 19495. 2 GB/T 19495. 3

YY/T 0087 YY/T 0657 JB/T 6777

GB/T 19495.1

DNA

 $280\,\text{nm} \\ 0D_{260}/0D_{280} \\ DNA$ 

1

DNA

JJF 1265-2010

DNA

SN/T 2497.21-2010

DNA

DNA

DNA

DNA

DNA

DNA

EB Ethidium Bromide ——

OD Optical Density ——

DNA Deoxyribonucleic acid ——

1

DNA	DNA	4. 2 4. 3 4. 4
		4.2 4.4

	4.2 4.4
	4. 4
	4. 4

TE pH7 8.5  $OD_{260}/OD_{280}$  1.8 2.0  $OD_{260}/OD_{230}$  2.0 DNA

$0D_{260}/0D_{280}=1.8$ 2. 0 $0D_{260}/0D_{230}$ 2. 0
$0D_{260}/0D_{280}$ <1.8 >2.0 $0D_{260}/0D_{230}$ <2.0

DNA

DNA 5. 2 DNA — DNA

—— DNA

DNA Marker DNA A

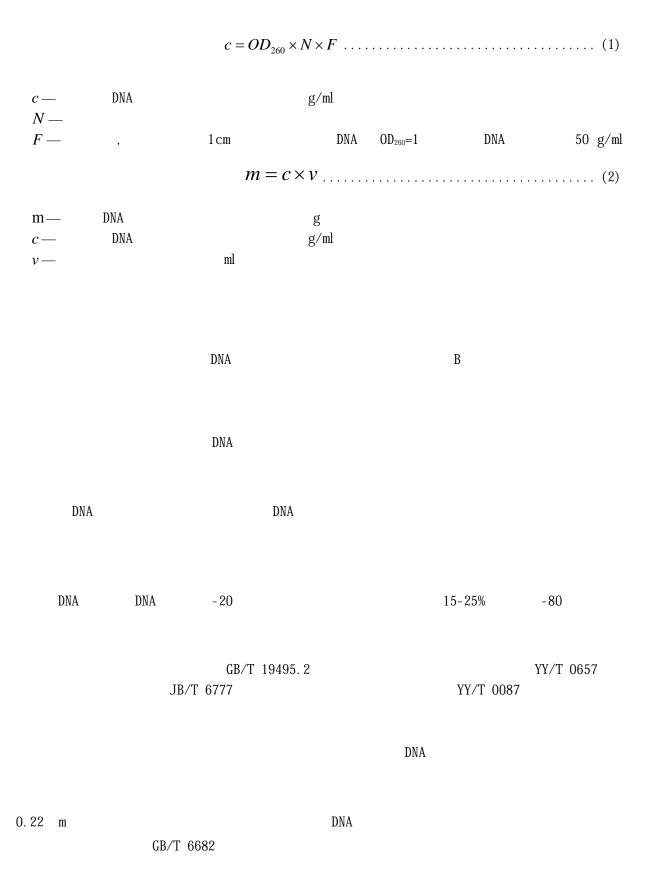
DNA 100%

DNA GB/T 19495. 3 OD260

0. 05 1. 0 DNA DNA DNA DNA DNA DNA

3

A



\_\_\_\_\_C

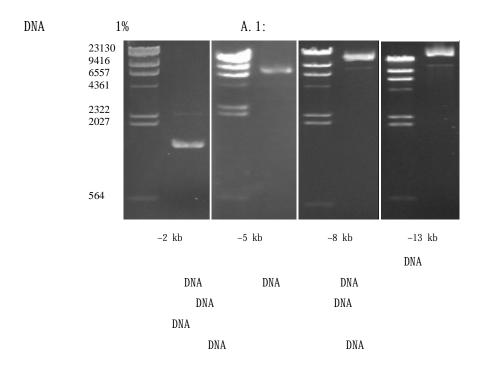
—— DNA
—— DNA

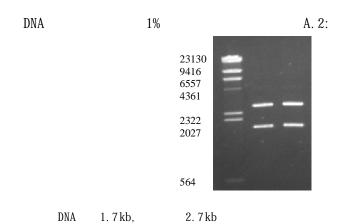
DNA 100%

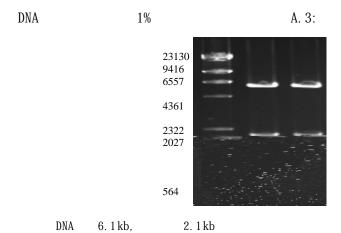
DNA 100%

DNA 100%

GB/T 19495. 2







DNA B. 1

/ % DNA / kb **%**b %%/

$\mathbf{r}$	NI	΄ Λ
IJ	IN	А

% 100%
DNA DNA
DNA $OD_{260}/OD_{280} = 0.8 2.0 OD_{260}/OD_{230} 2.0$
$OD_{260}/OD_{230}=$
= <u></u>
DNA
DNA