NA	4E	NO.			DNA	Kit	Page 1.2
DA	ΓΕ <u> </u>	ER					
	5/11/5/ 55 55 1W/6/			TRUCTURE			
Α.		EIC ACIDS (precise)	y where	in the cell is e	ach foun	d?):	
	1. RNA (Ribonu						
	2. DNA (Deoxyr	ibonucleic acid):					
В.	NUCLEOTIDES: The	main structural u	nits or	"building blocks	" of the	nucl	eic acids
	 SUB-STRUCTUR sub-units: 	RE OF NUCLEOTIDES (: a phosphate group I shown here in sim	SUB-UNI	TS): Each nucleot f two pentose sug	ide is c	omnos	ed of 3
	a. Phospha	ate Group (or Phosp	horic A	cid):			
	b. Pentose						
	1) Rib	oose (in RNA):		2) Deoxyribose (in DNA):		
		"Nitrogenous Bases	"):				
		Cytosine:	b) Th	ymine:	c) Uraci	1:	
	2) Pur						
		Adenine:		b) Guanine:			
	2. EXAMPLES OF	NUCLEOTIDES (each	one she	own composed of i	ts 3 sub	-unit	s):
	a. Ribonuc	leotides (as in RN/	A)	b. Deoxyribonu	cleotide	s (as	in DNA)
1)	Adenine ribonucle	otide: P	1) Adenine deoxyri	bonucleo	tide:	
2)	Guanine ribonucle	otide:	2) Guanine deoxyri	bonucleo	tide:	
3)	Cytosine ribonucl	eotide:	3) Cytosine deoxyr	ibonucle	oti de	:
4)	Uracil ribonucleo	tide:	4) Thymine deoxyri	bonucleo	tide:	

5) Adenosine triphosphate (ATP - remember this? Notice it's basically a nucleotide!)