

# Biochémičké vlastnosti mikroorganizmov



Catalase +



Catalase -



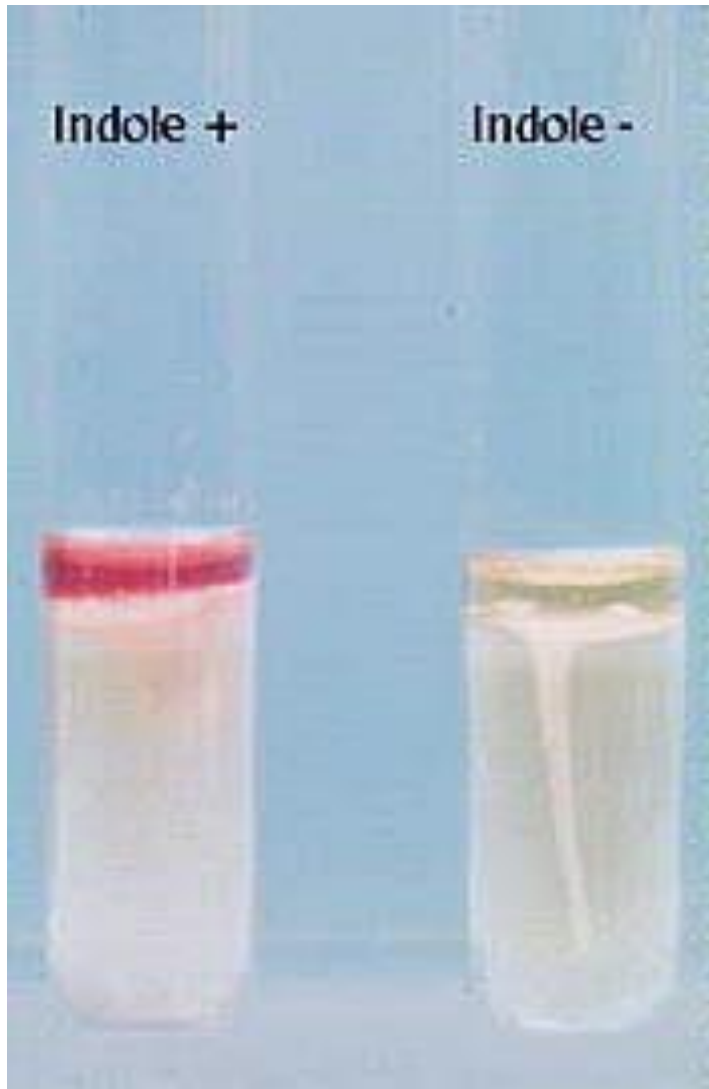
Oxidase  
neg.

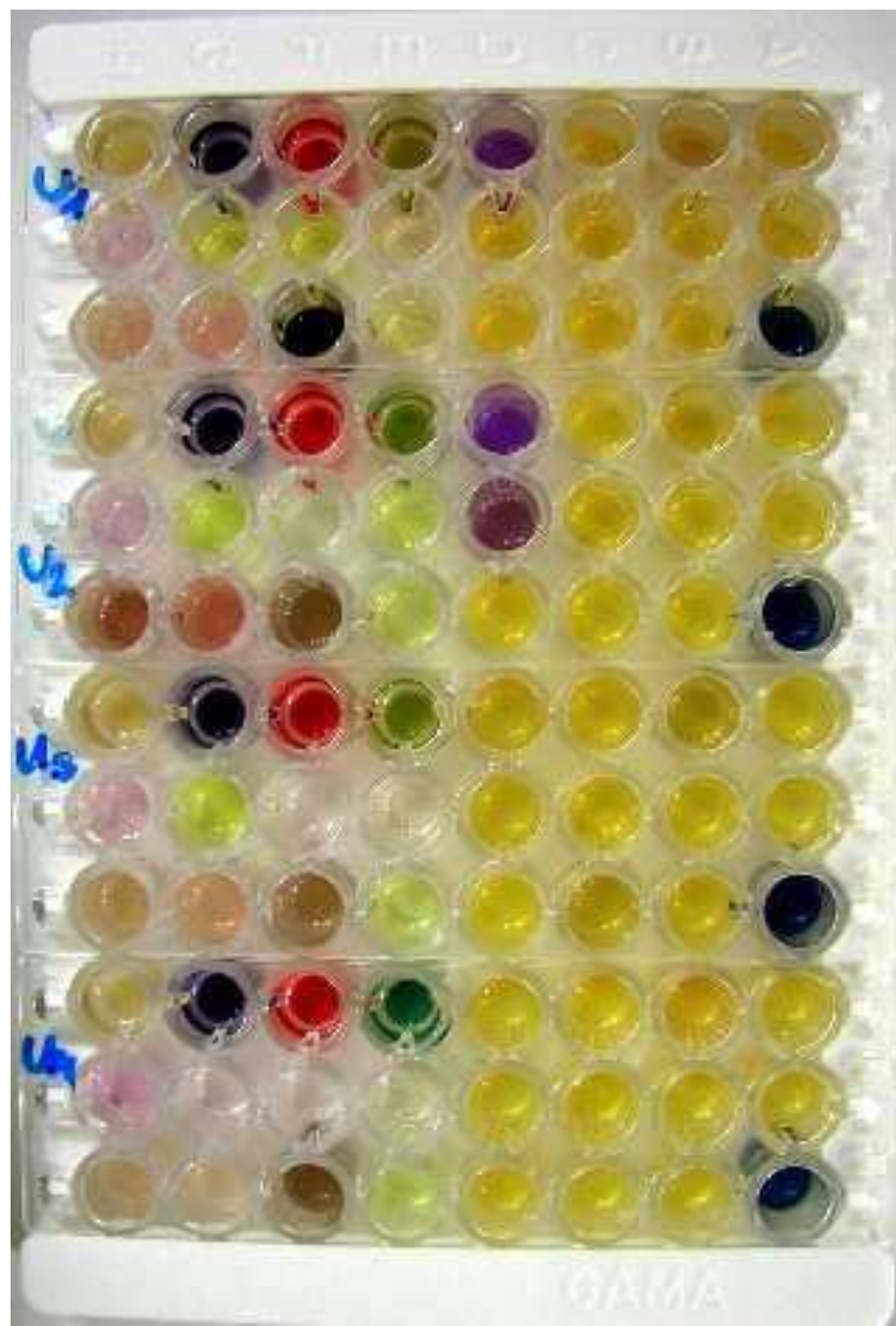


Oxidase  
pos.

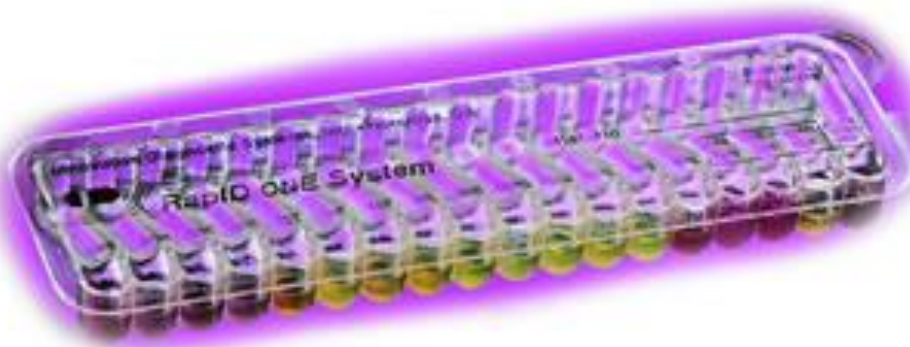
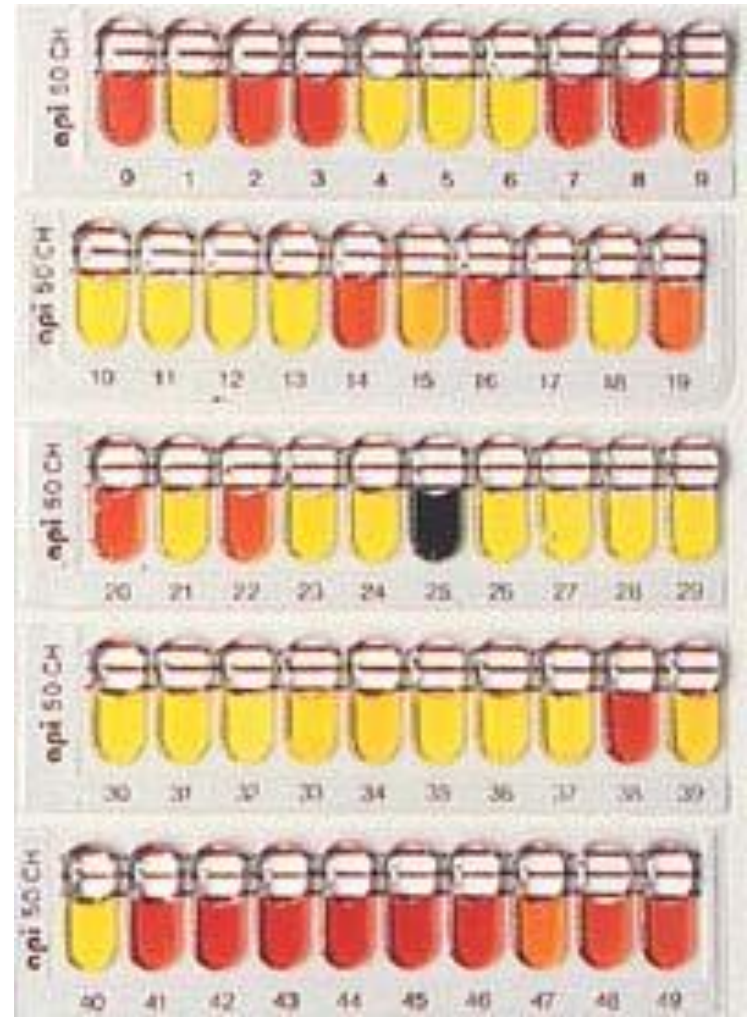








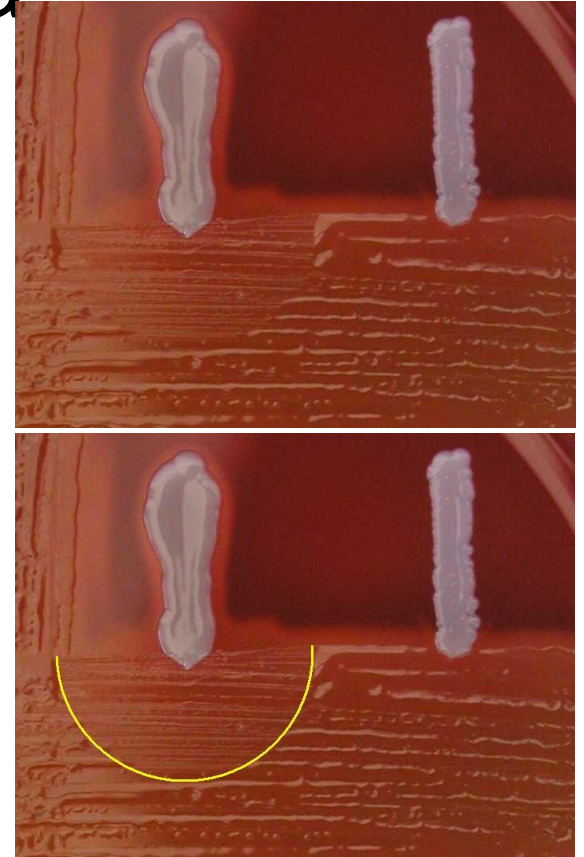
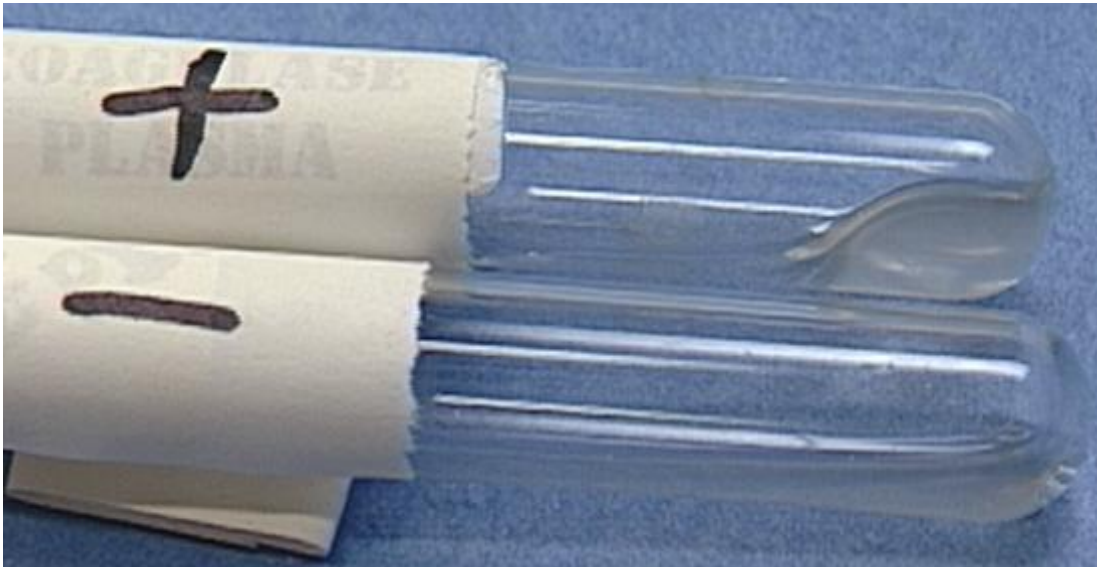




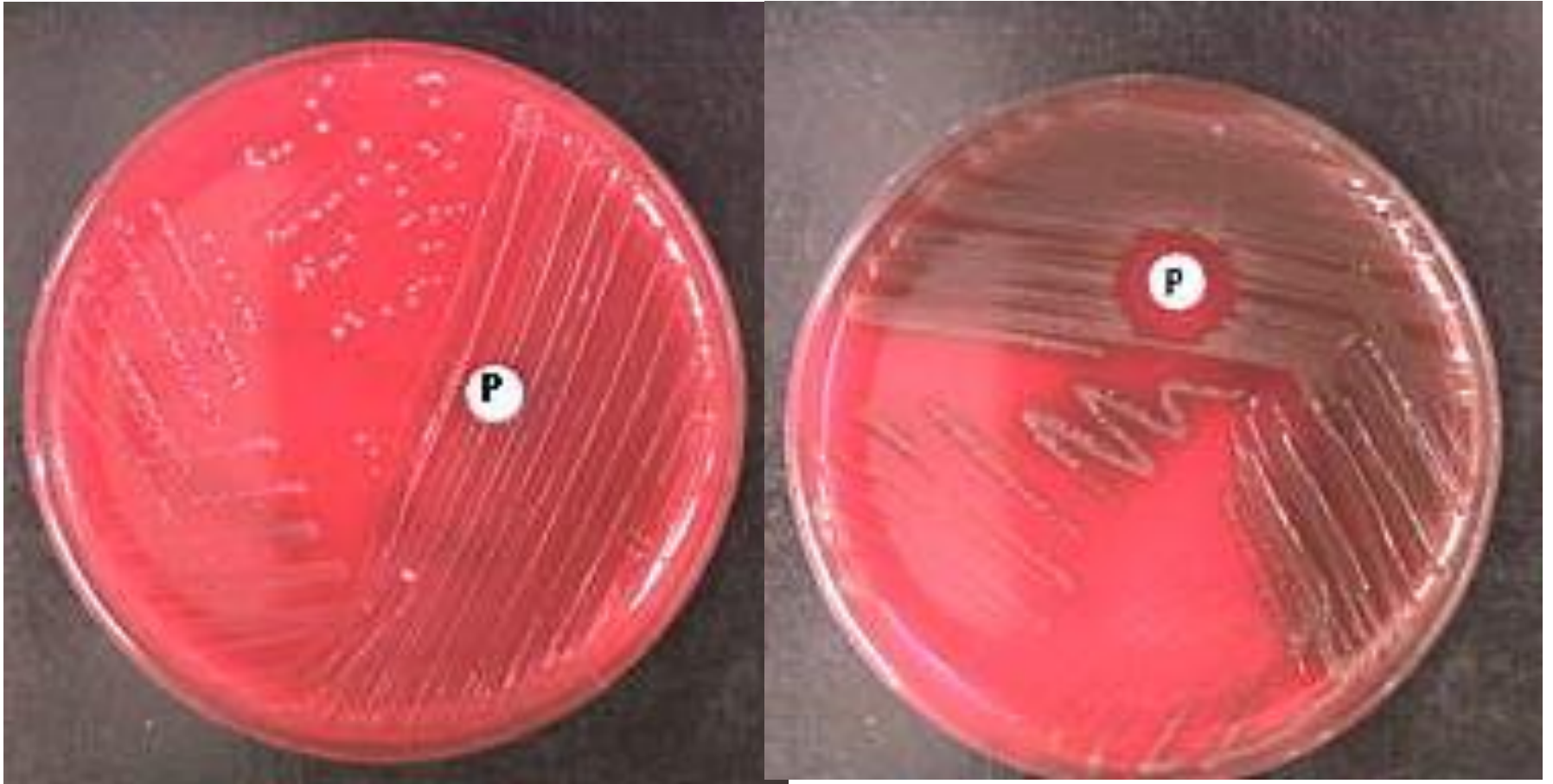


	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
	ONPG	H	G	F	E	D	C	B	A	H	G	F	E	D	C	B	A	
		První řádek panelu								Druhý řádek panelu								
+																		
-																		
?																		
?	+	-	+	+	+	-	-	-	-	-	-	-	-	+	+	+	+	
	1	<del>2</del>	4	1	2	<del>4</del>	<del>1</del>	<del>2</del>	<del>4</del>	<del>1</del>	<del>2</del>	<del>4</del>	<del>1</del>	2	4	1	2	
	5			3			0			0			6			3		

# Plazmakoaguláza a hyaluronidáza

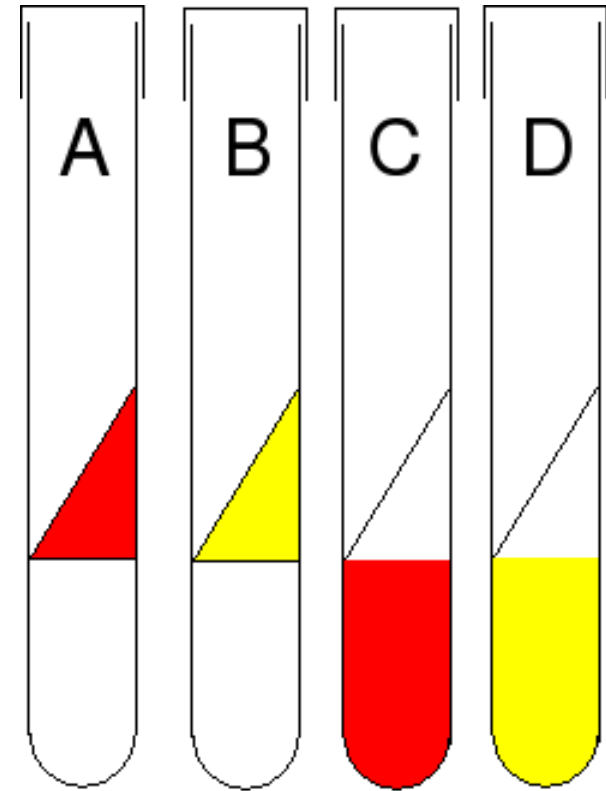


# Optochínový test

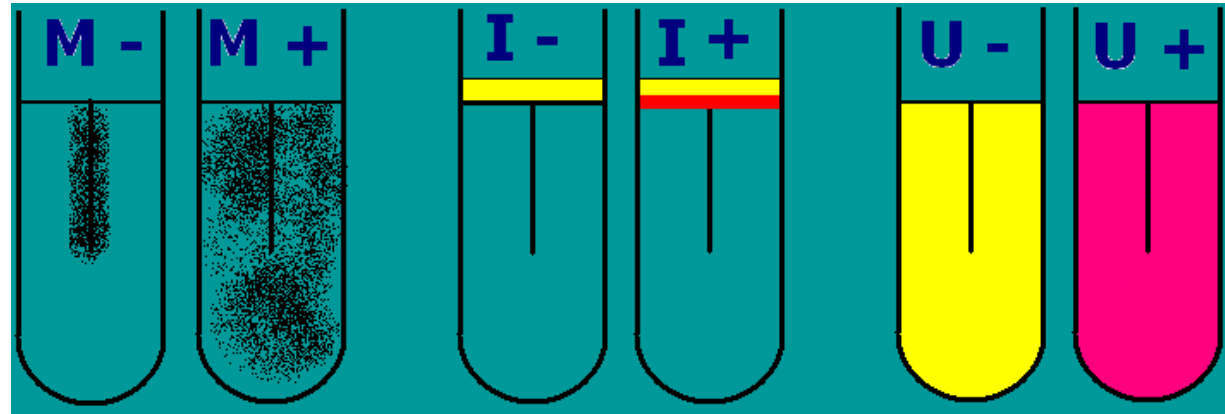


# Hajnova pôda

- Červený vršok – laktóza negat.
- Žltý vršok – laktóza pozit.
- Červený spodok – glukóza negat.
- Žltý spodok – glukóza pozit.
- Čierny spodok – sírovodík
- Potrhanie pôdy, odsunutie nahor – plyny pri fermentácii glukózy



# MIU princíp



- **M**otility – pohyb.
- **I**ndol (tvorba).
- **U**rea (močovina).