Underdokument till kapitel 11
CCUG - Referensidentifieringsenheten
Bakteriologiska laboratoriet
Sahlgrenska Universitetssjukhuset, Sahlgrenska, Göteborg

Skriven av: Maria Ohlén, Jonas Öhrström
Godkänd av: Enevold Falsen

Phenotypic features of Bacillus

Sida: 1(1)
Datum: 2003-11-17
Version: 2.0
Filnamn: BAXJO.dsf

GRAM

	TRP/PL	GL AN	GL CO_2	BL CO_2	BL 37°C
DAY					

API 50CH

5-keto-gluconate	49				
2-keto-gluconate	48				
Gluconate	47				
L-arabitol	46				
D-arabitol	45				
L-fucose	44				
D-fucose	43				
D-tagatose	42				
D-lyxose	41				
D-turanose	40				
Gentiobiose	39				
Xylitol	38				
Glycogen	37				
Starch	36				
Raffinose	35				
Melezitose	34				
Inulin	33				
Trehalose	32				
Sucrose	31				
Melibiose	30				
Lactose	29				
Maltose	28				
Celibiose	27				
Salicin	26				
Esculin	25				
Arbutin	24				
Amygdalin	23				
N-acetyl-Glucosami	22				
α-methyl-D-gluco	21				
α-methyl-D-manno	20				
Sorbitol	19				
Mannitol	18				
Inositol	17				
Dulcitol	16				
Rhamnose	15				
Sorbose	14				
Mannose	13				
Fructose	12				
Glucose	11				
Galactose	10				
β methyl-D-xyloside	9				
Adonitol	8				
L-xylose	7				
D-xylose	6				
Ribose	5				
L-arabinose	4				
D-arabinose	3				
Erythritol	2				
Glycerol	1				
Control	0				
Hours of incubation		1	2		

API ZYM

α fucosidase	20	
α mannosidase	19	
N-acetyl-β-glucosam	18	
β glucosidase	17	
α glucosidase	16	
β glucuronidase	15	
β galactosidase	14	
α galactosidase	13	
N-AS-BI-phosphohyd	12	
Acid phosphatase	11	
α chymotrypsin	10	
Trypsin	9	
Cystine arylamidase	8	
Valine arylamidase	7	
Leucine arylamidase	6	
Lipase (C14)	5	
Esterase liapse (C8)	4	
Esterase (C4)	3	
Alkaline phosphatase	2	
Control	1	

API 20E

Oxidase	OX	21	
Arabinose	ARA	20	
Amygdalin	AMY	19	
Melibiose	MEL	18	
Sucrose	SAC	17	
Rhamnose	RHA	16	
Sorbitol	SOR	15	
Inositol	INO	14	
Mannitol	MAN	13	
Glucose	GLU	12	
Gelatinase	GEL	11	
Acetoin prod	VP	10	
Indole	IND	9	
Tryptohane deam	TDA	8	
Urease	URE	7	
Sodium thiosulfate	H_2S	6	
Sodium citrate	CIT	5	
Ornithine	ODC	4	
Lysine	LDC	3	
Arginine	ADH	2	
β-galactopyranosi	ONPG	1	
Hours of incubation			24

PHENO 3	Growth 56°C				
	Growth pH 5.4				
	Gelatine kohn				
	Growth NaCl 6.5%				
	Ass lactate+methionine				
	Xylose acid				
	Mannitol acid				
	Arabinose acid				
	Glucose gas				
	Glucose acid				
PHENO 1	Denitrification (gas)				
	NO_2 reduction				
	NO_3 reduction				
	ONPG				
	Arginine (ADH)				
	Citrate				
	VP				
	Urease				
	Indole				
	Fermentation OF				
	Oxidation OF				
	Rel to oxygen in TA				
PHYS	Anaerobic growth				
	DNase				
	Amylase				
	Mueller-Hinton 37°C				
	Nutrition agar 42°C				
	Egg yolk lysis				
	Egg yolk lecitinase, LV				
	Egg yolk 37°C				
	Drigalski growth				
	Hemolysis				
	Blood agar 37°C				
	Blood agar RT				
MORPH	Motility				
	Catalase slide 10%				
	Oxidase TMPD				
	Oxidase CO				
	Colony morphology				
	Swelling of bacilary body				
	Spore position				
	Spore shape				
	Spore present				
	Shape and size				
	Gram reaction				
Days of incubation		1	2	3/4	5/6

Batch=date | No | Remarks

Name of Organism:

Origine:

Collection no:

908*

Received:

Examined:

Sign:

CCUG: